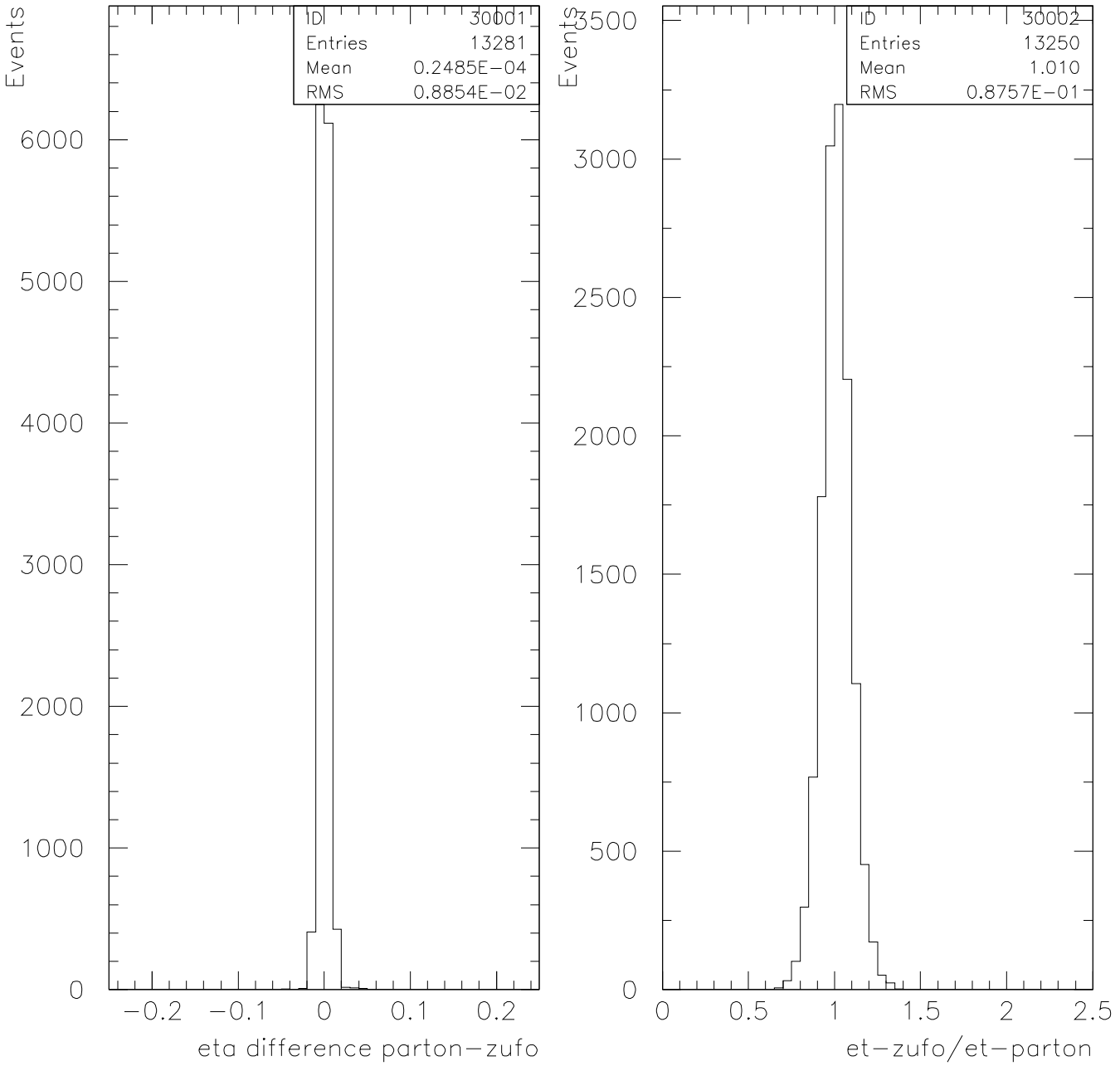
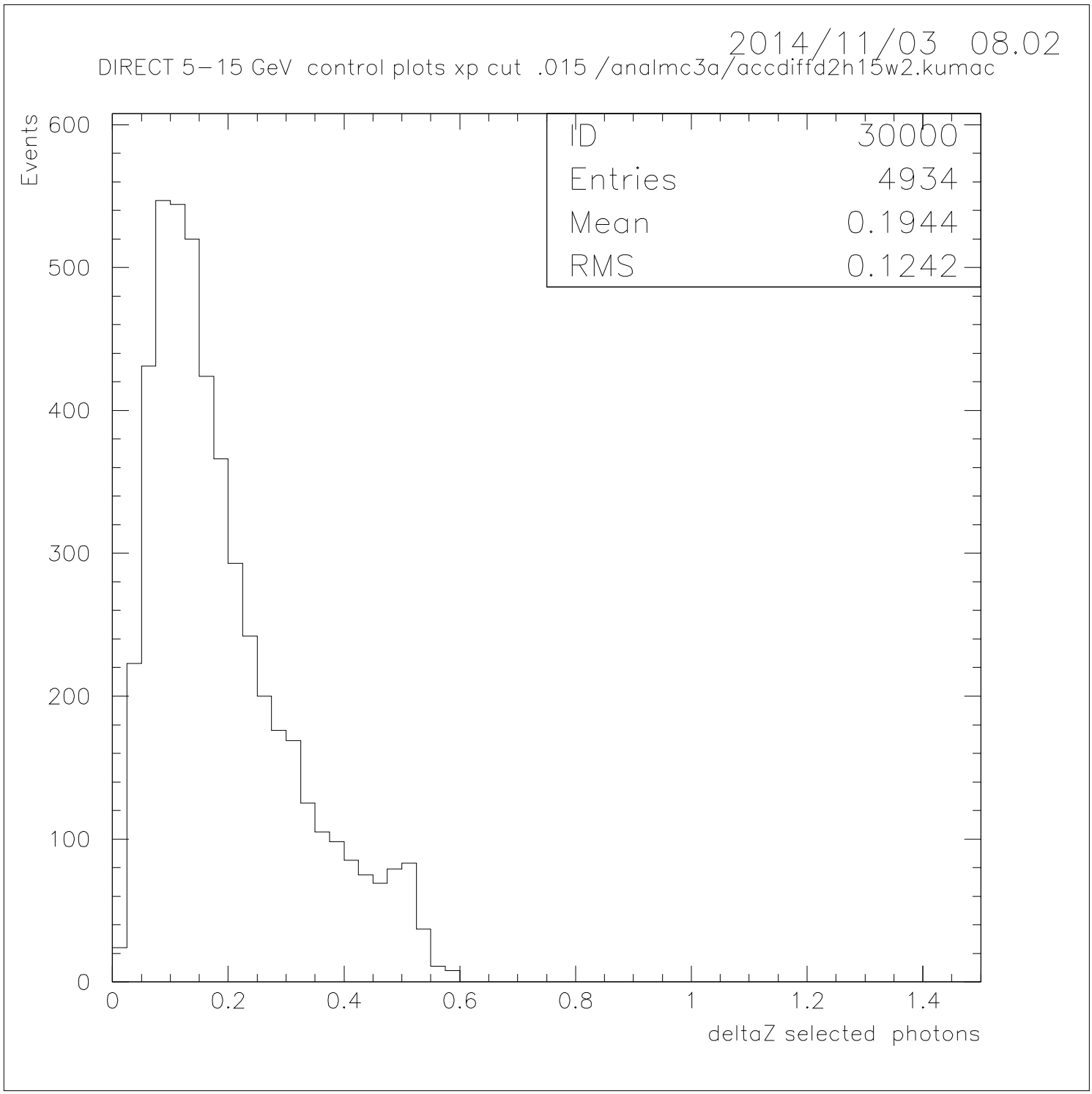
2014/11/03 08.02

DIRECT 5−15 GeV control plots xp cut .015 /analmc3a/accdiffd2h15w2.kumac




2014/11/03 08.02
DIRECT 5−15 GeV control plots xp cut .015 /analmc3a/accdiffd2h15w2.kumac
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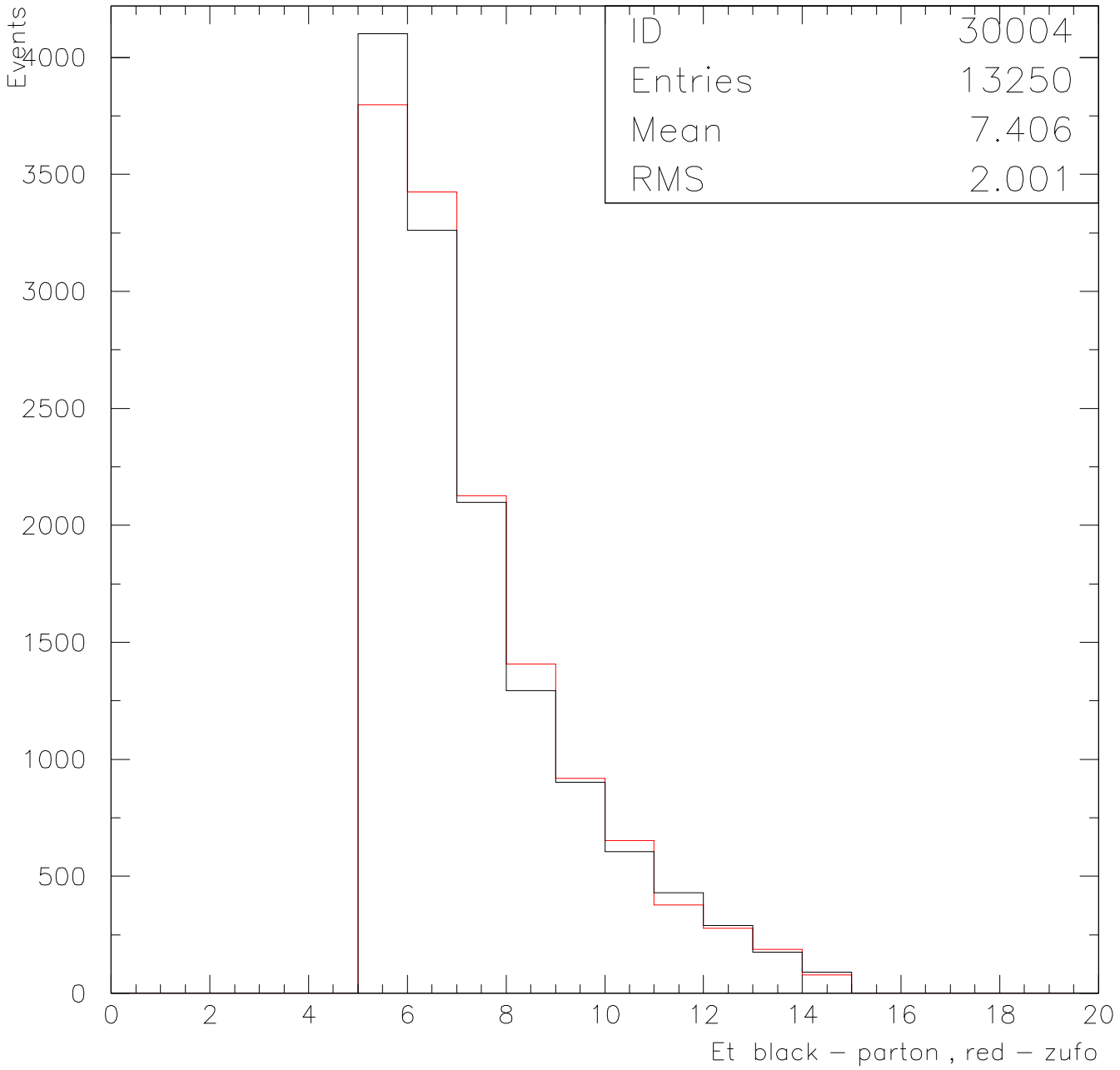
Entries 4934
Mean 0.1944
RMS 0.1242
Events
0
100
200
300
400
500
600
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ selected photons

2014/11/03 08.02

DIRECT 5−15 GeV control plots xp cut .015 /analmc3a/accdiffd2h15w2.kumac



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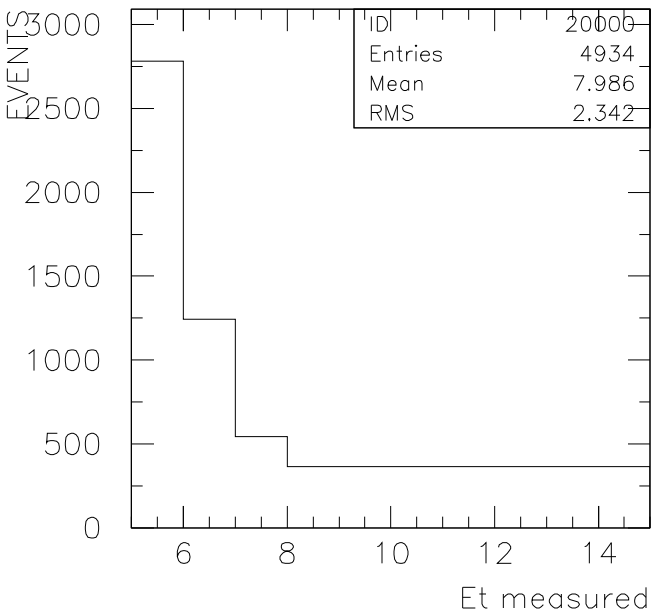
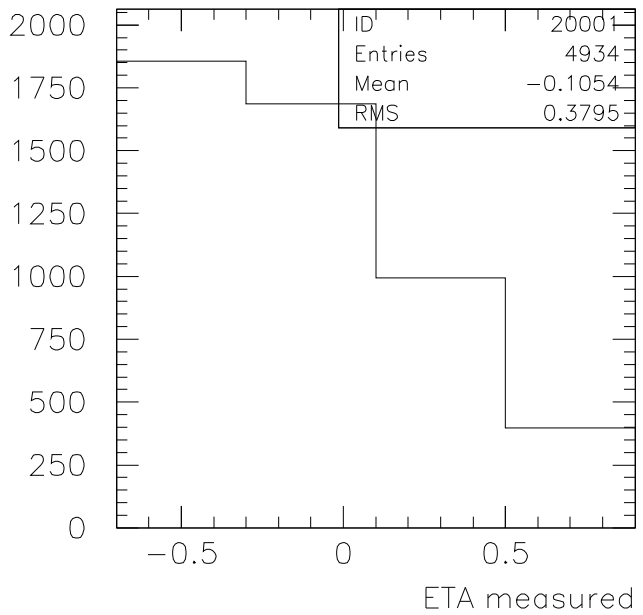
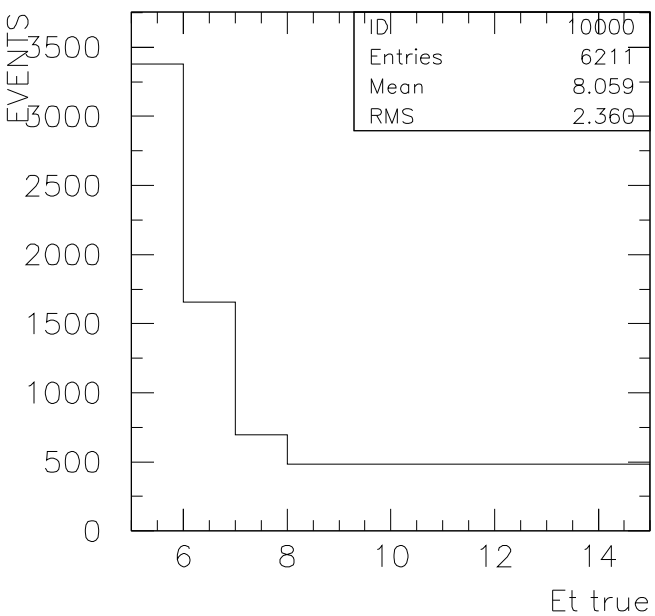
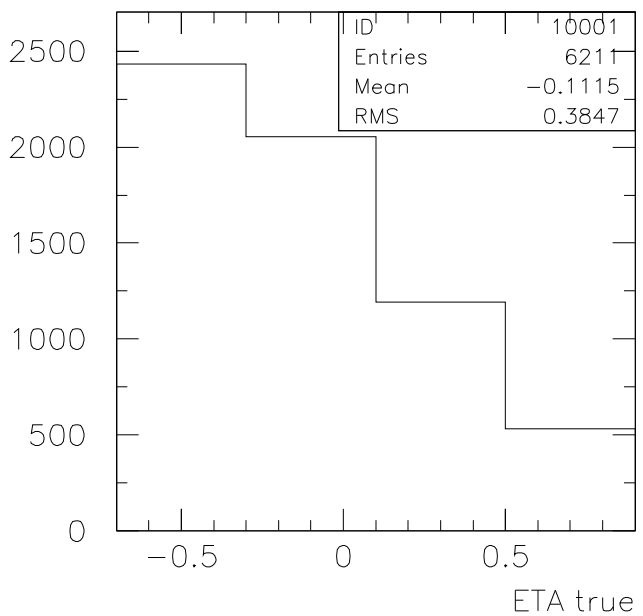
inclusive accdiffd2h15w2.kumac



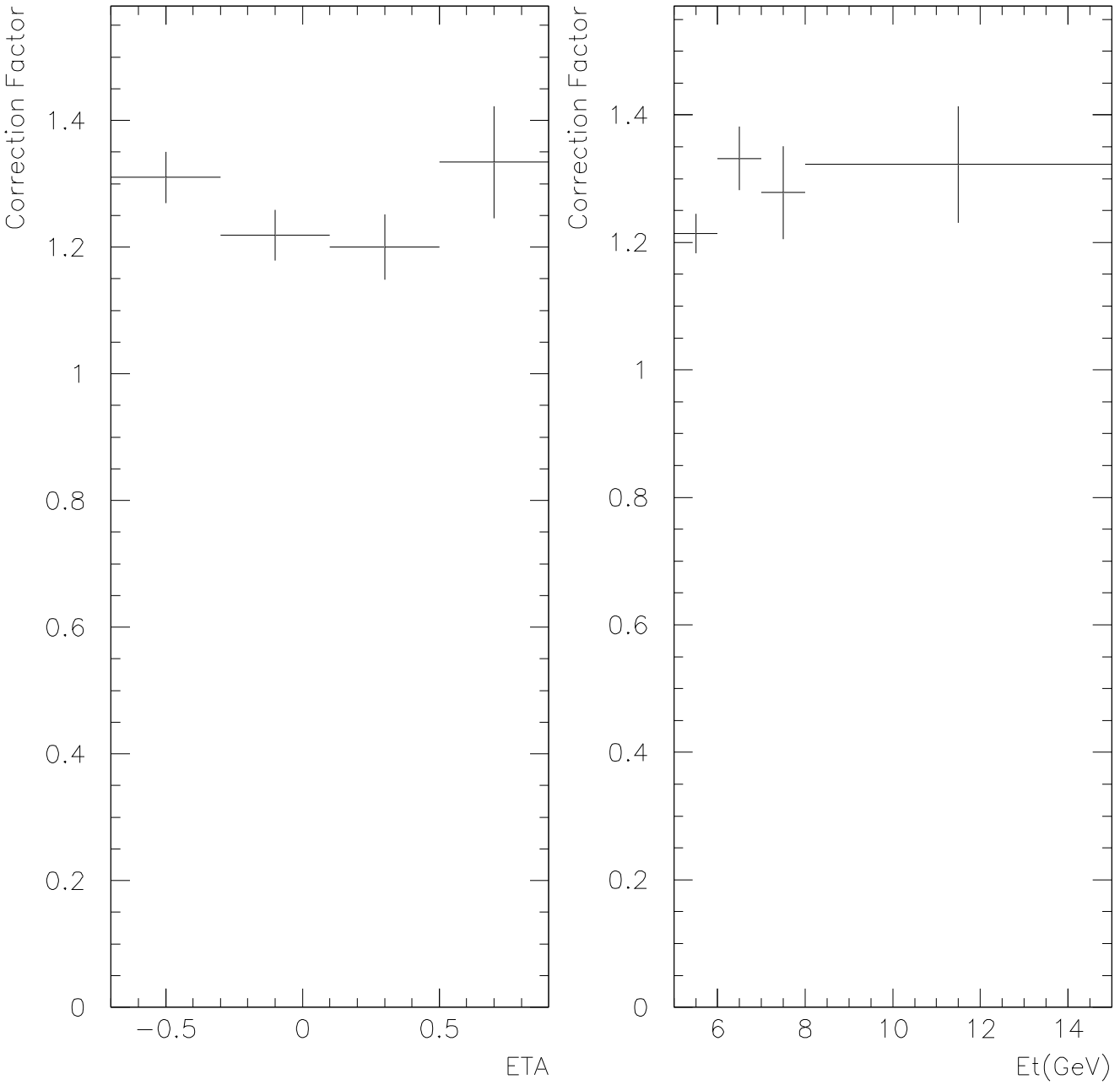






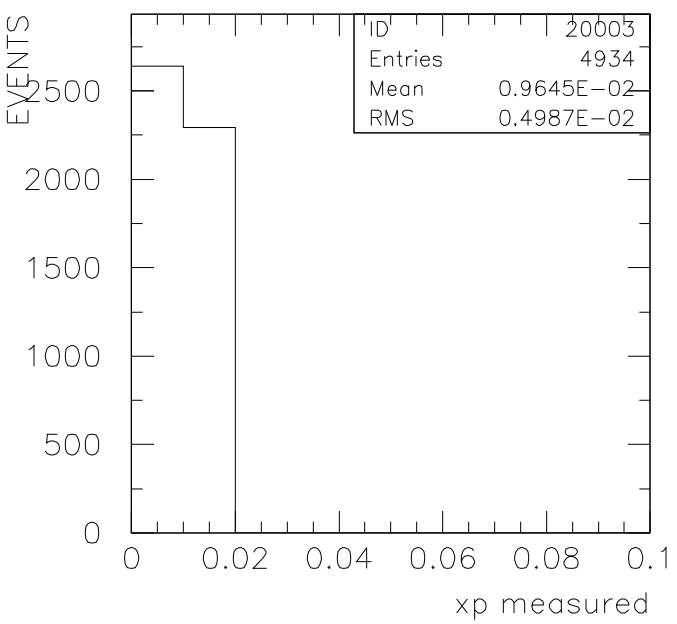
2014/11/03 08.02

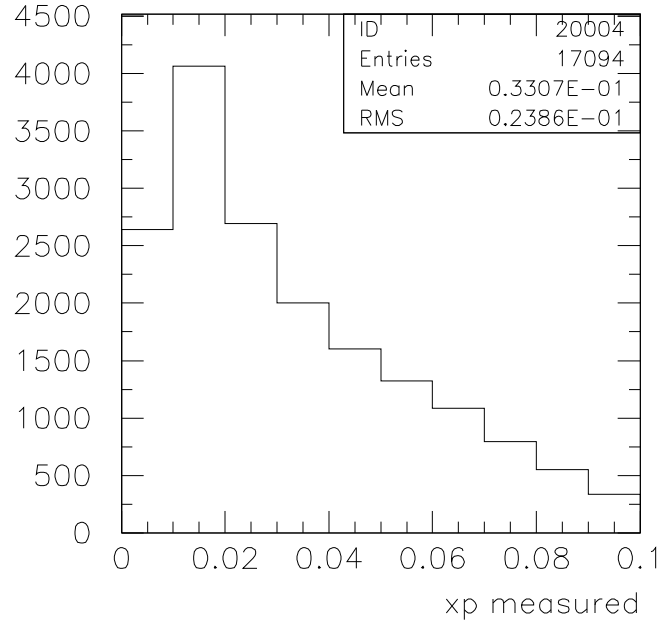
DIRECT corr. factor measured to truth inclusive

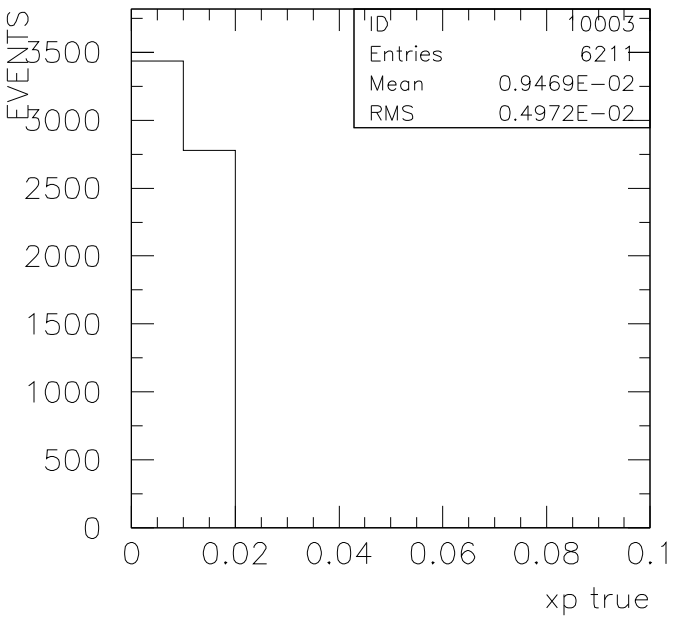


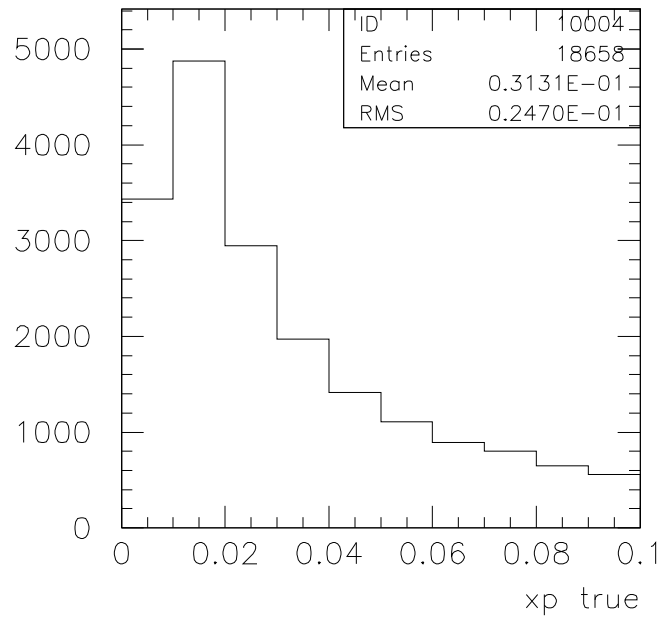
2014/11/03 08.02

inclusive accdiffd2.kumac



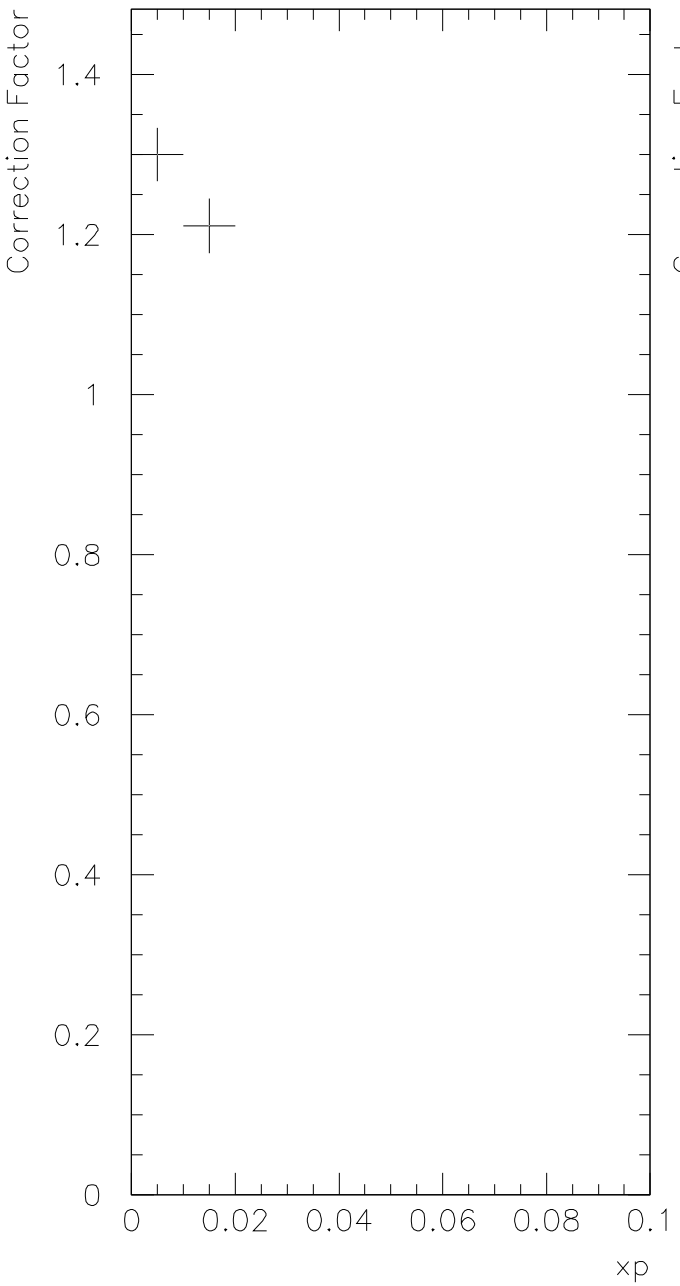


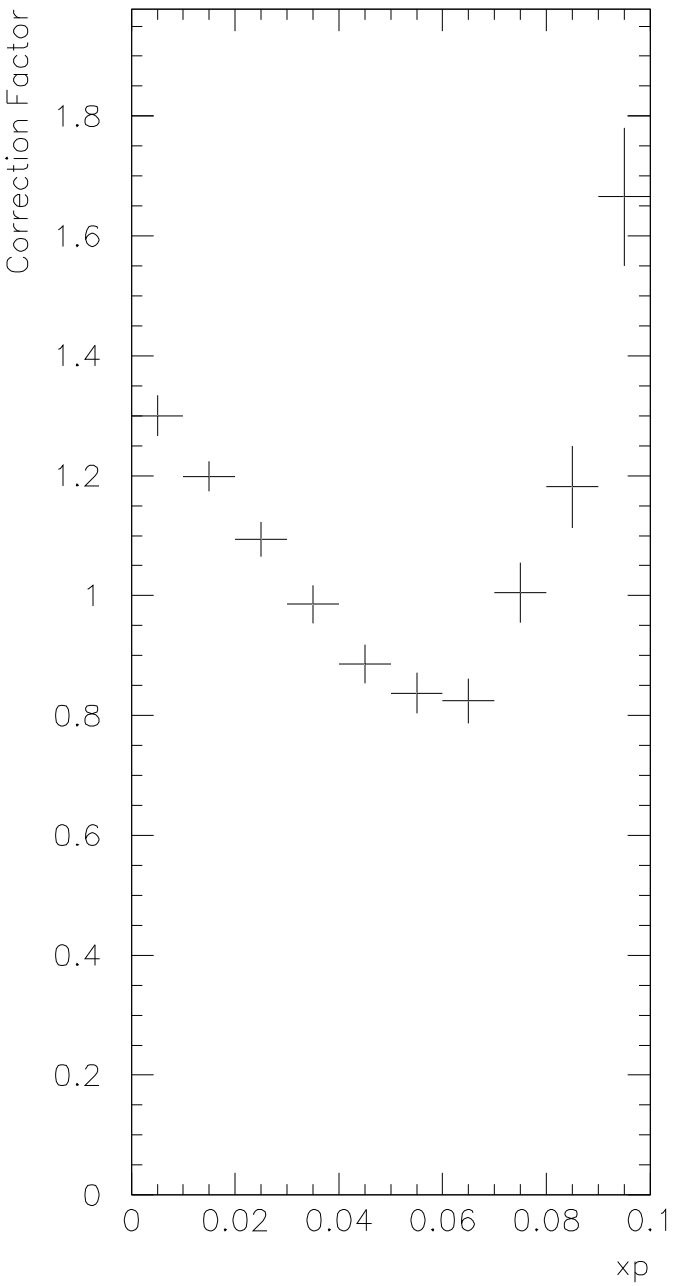




2014/11/03 08.02

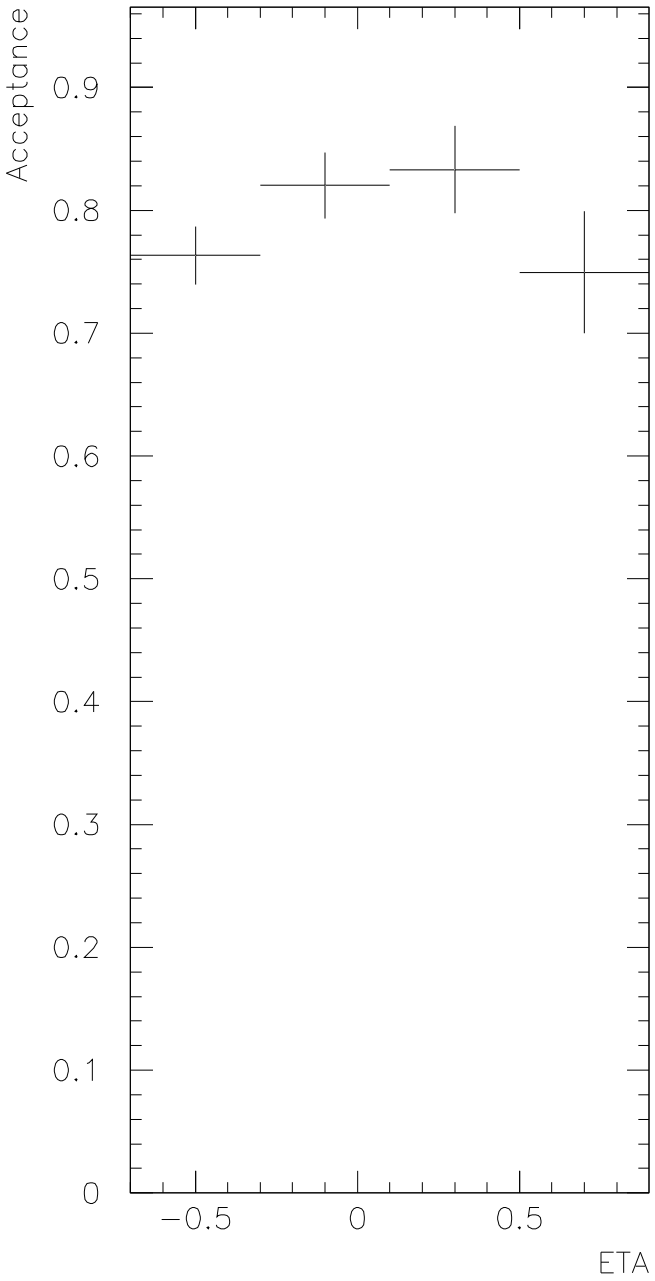
DIRECT corr. factor measured to truth inclusive

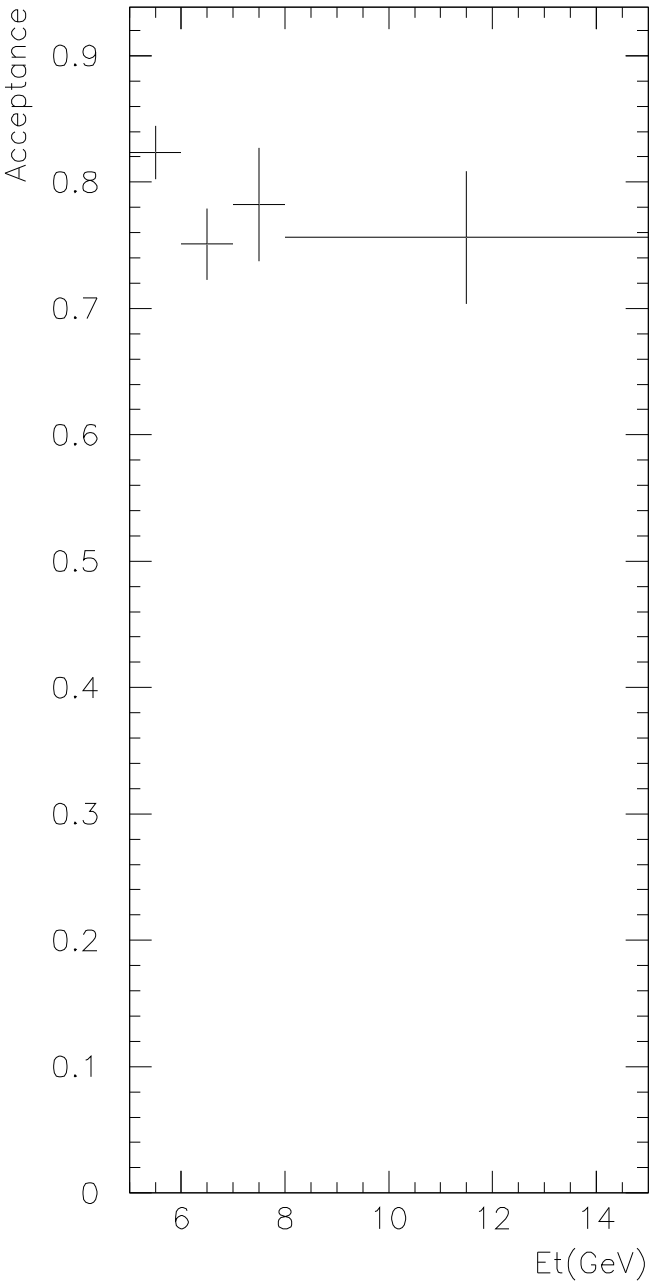




2014/11/03 08.02

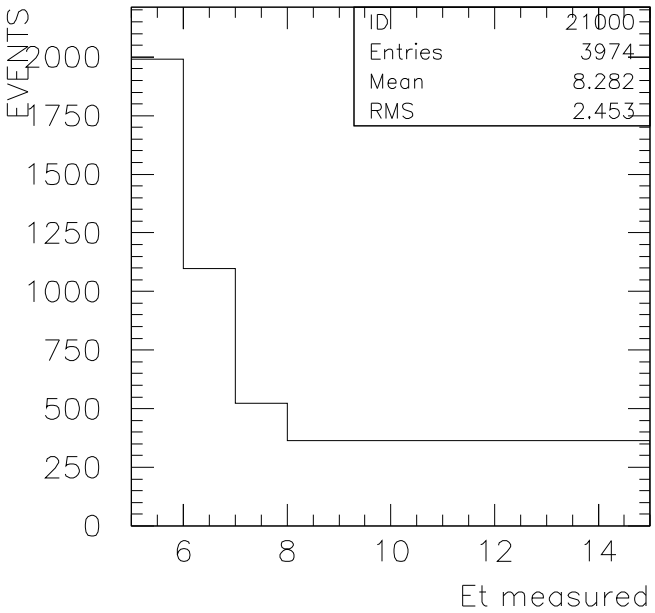
DIRECT Acceptance (measured divided by truth) inclusive

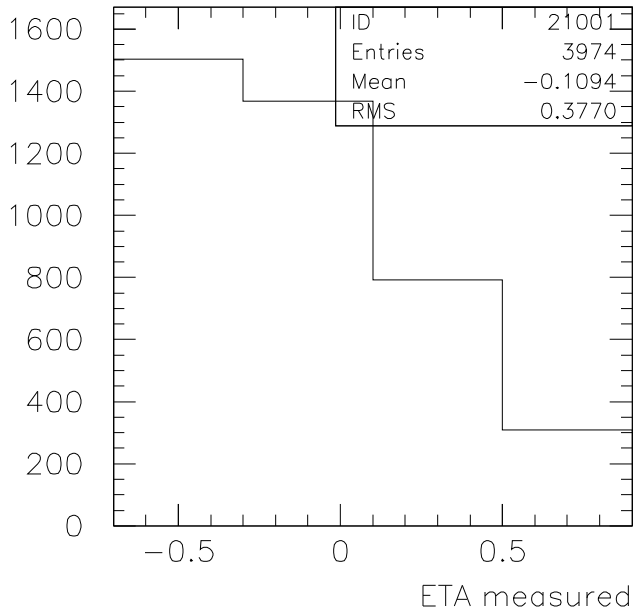


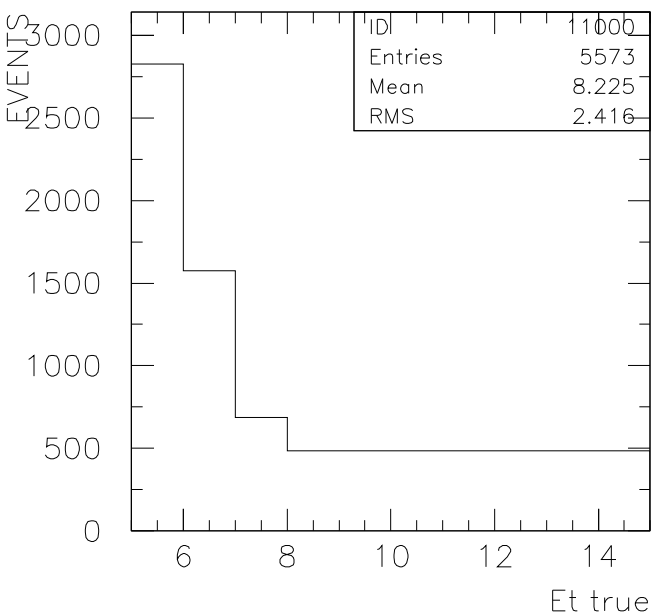


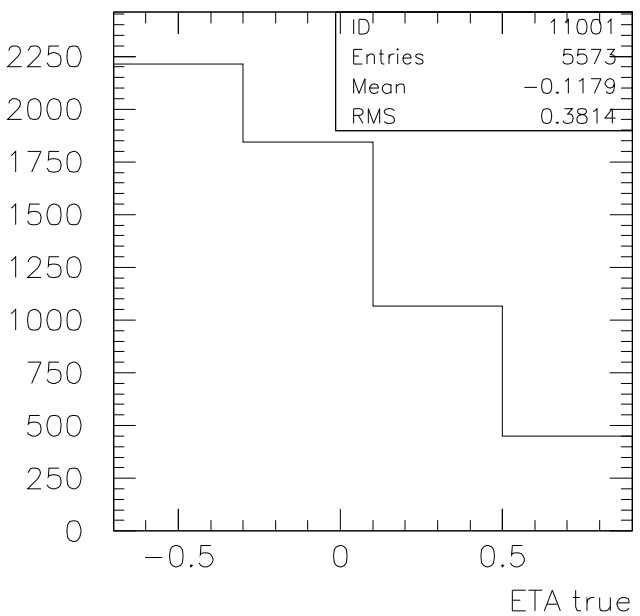
2014/11/03 08.02

Photon + jet



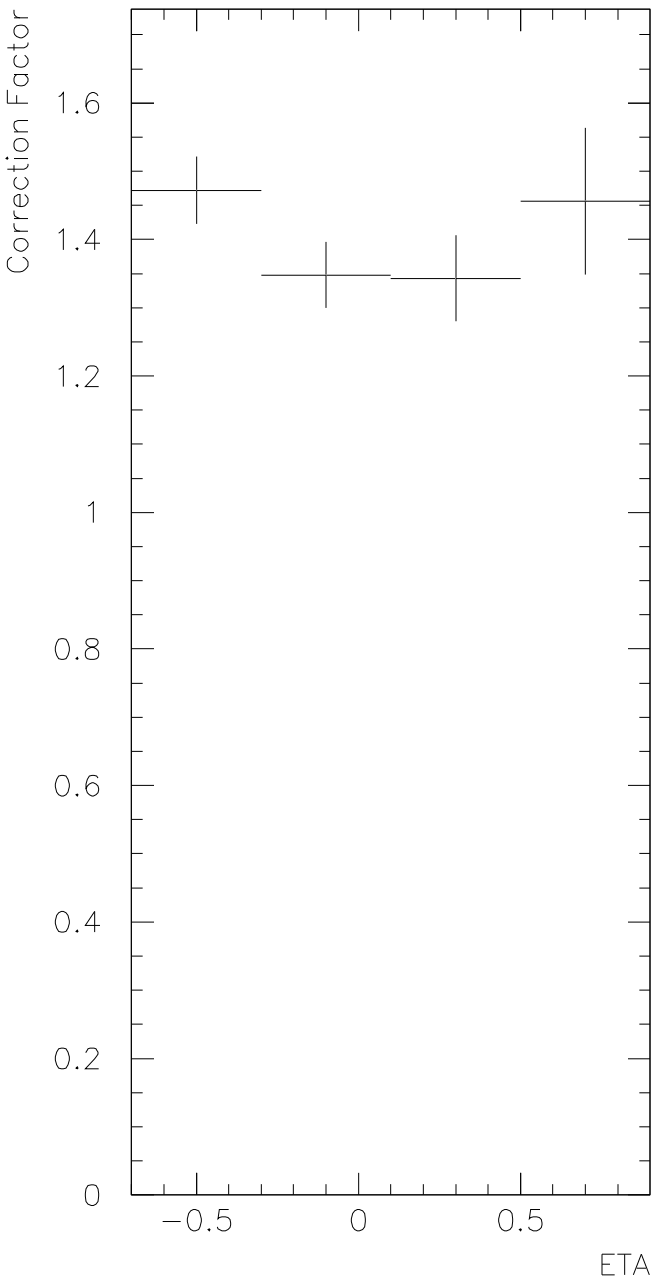


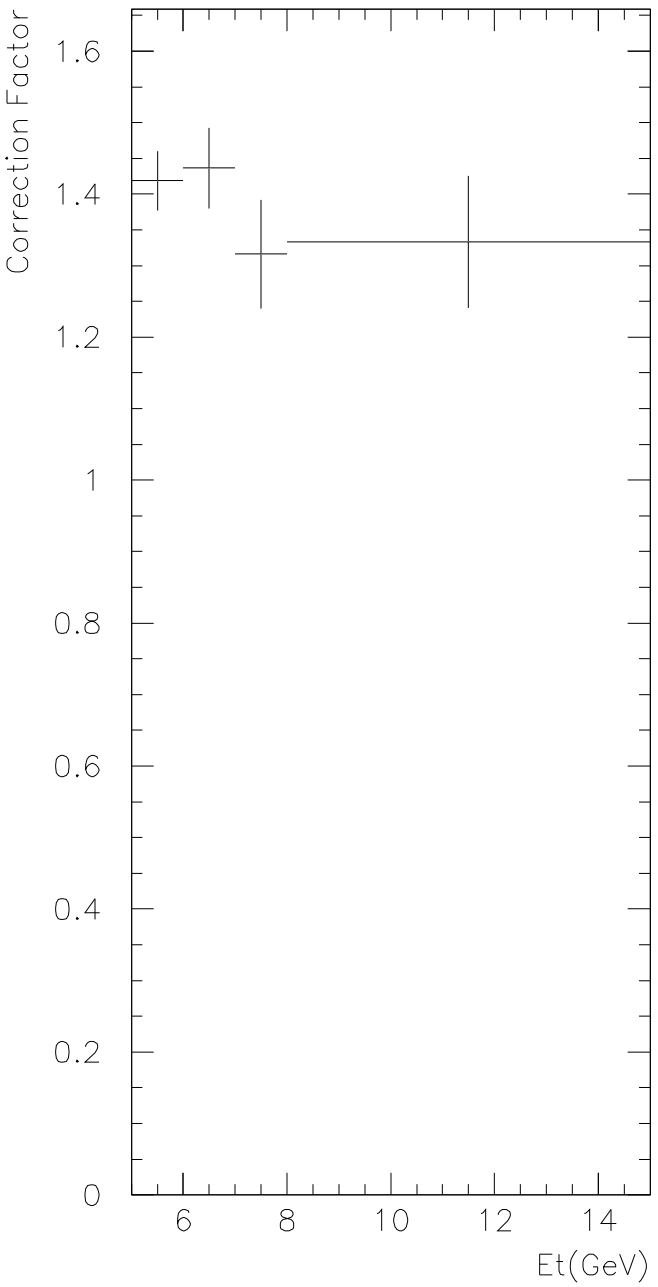




2014/11/03 08.02

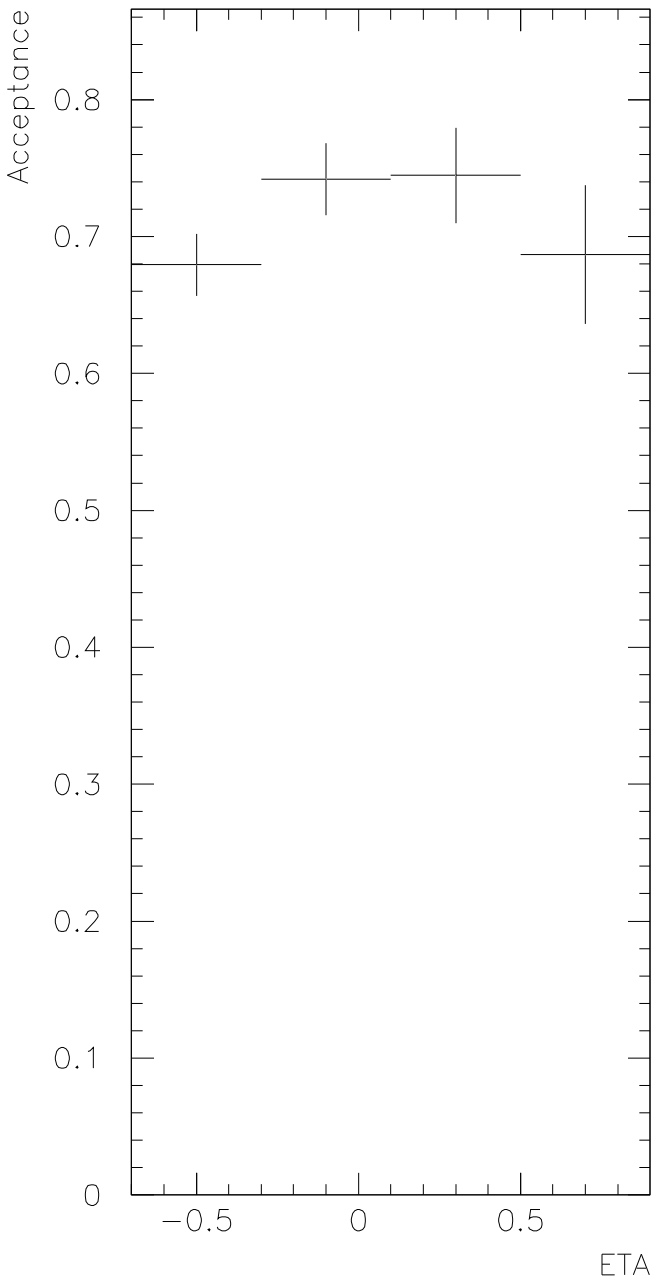
corr. factor measured to truth Photon + jet

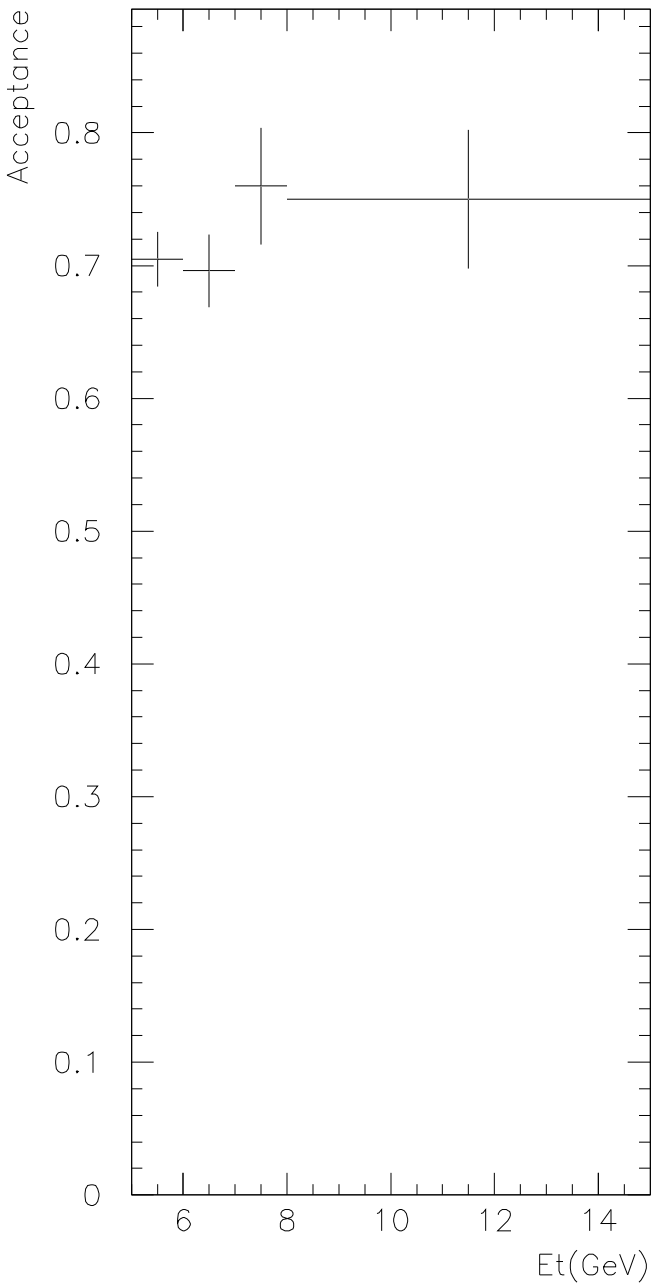




2014/11/03 08.02

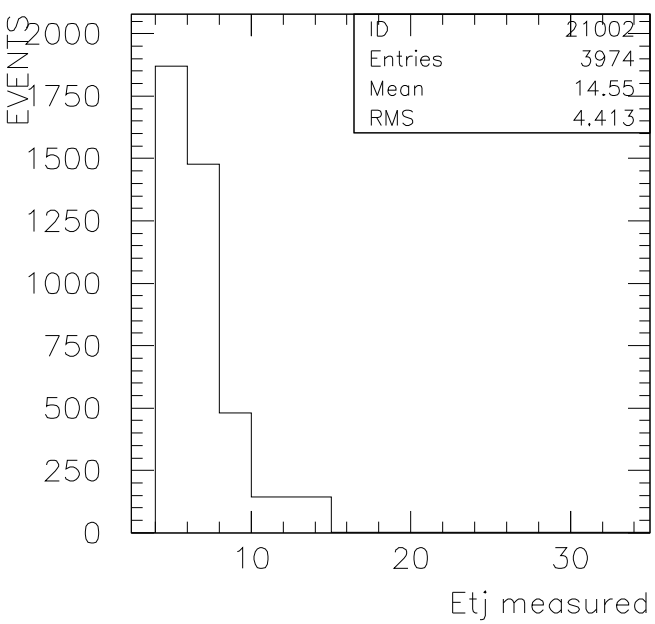
Acceptance (measured/true) Photon + jet

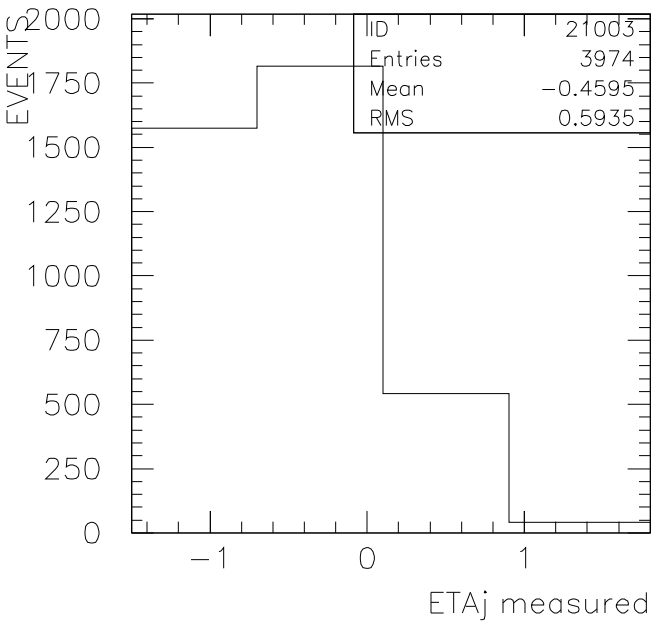


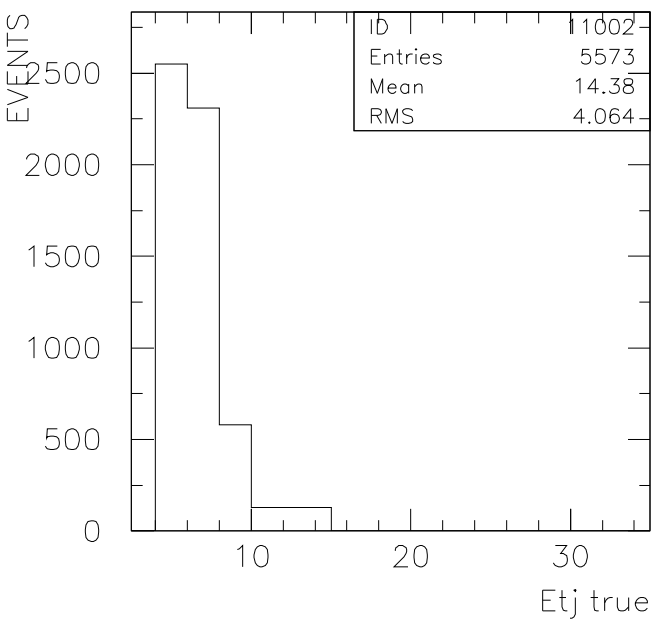


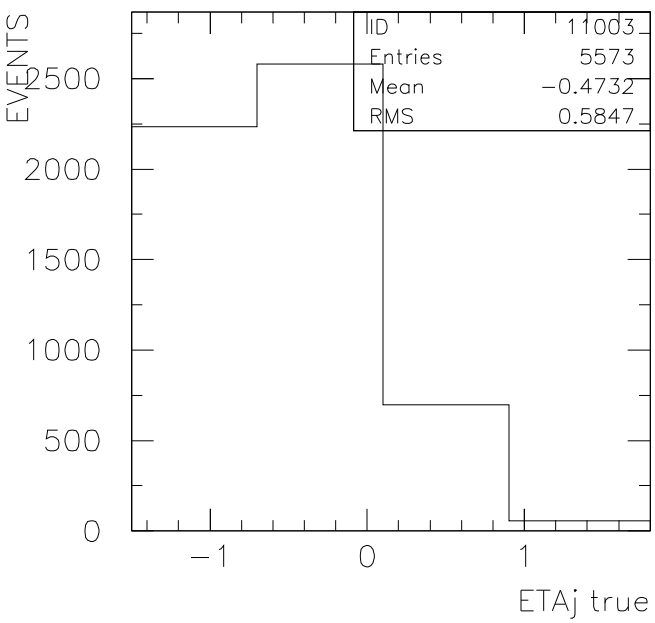
2014/11/03 08.02

Acceptance (measured/true) Photon + jet



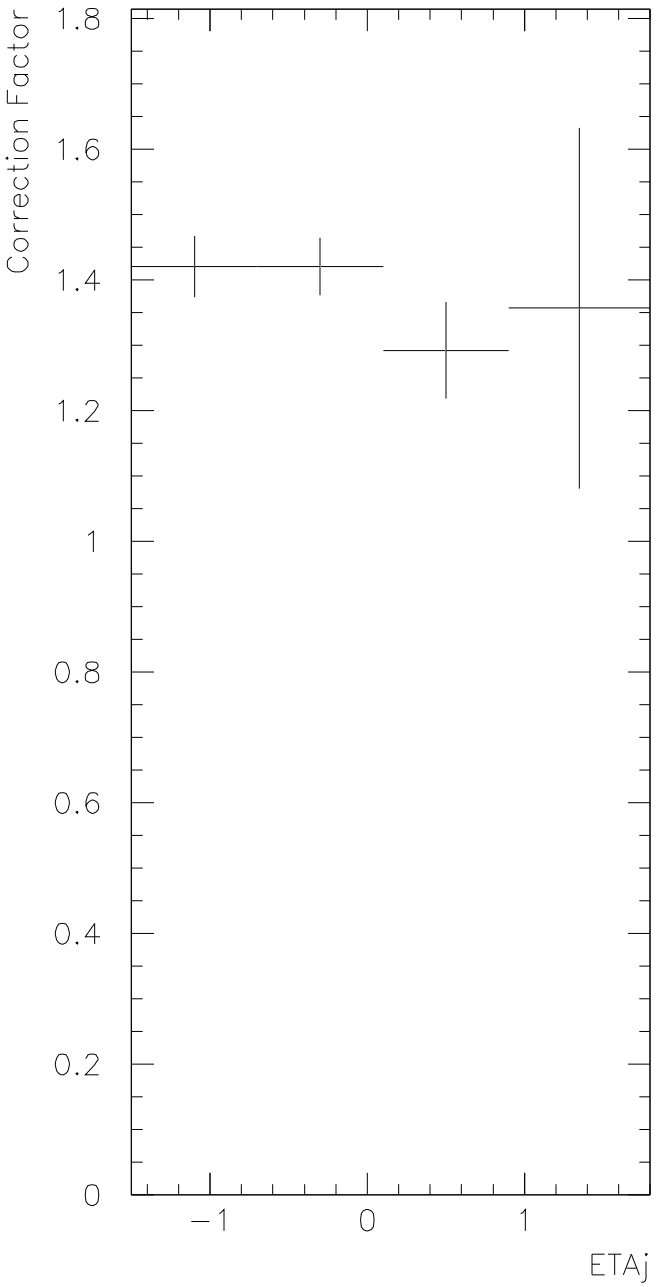


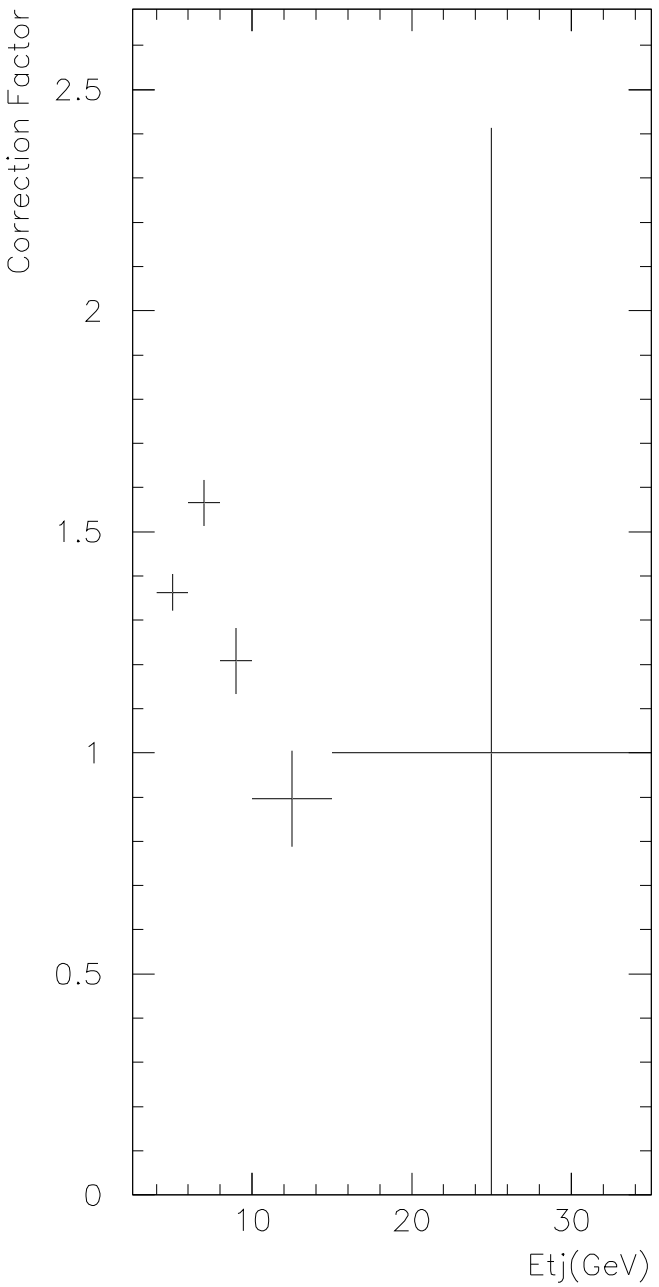




2014/11/03 08.02

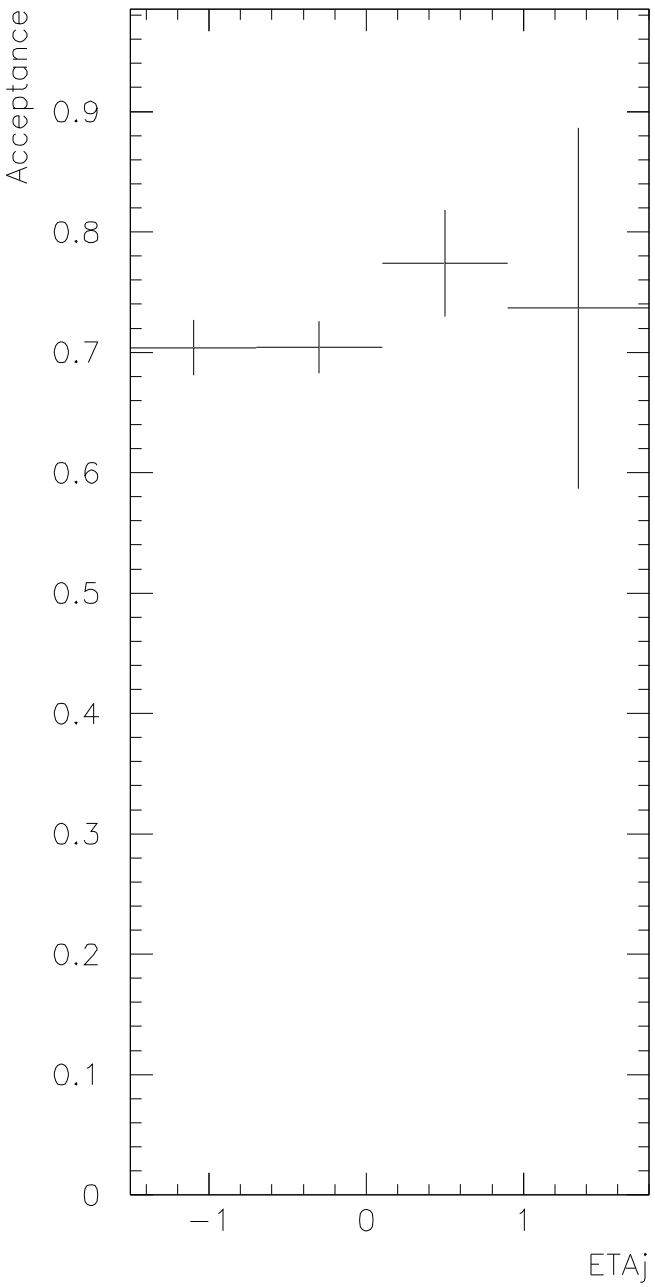
corr. factor measured to truth Photon + jet

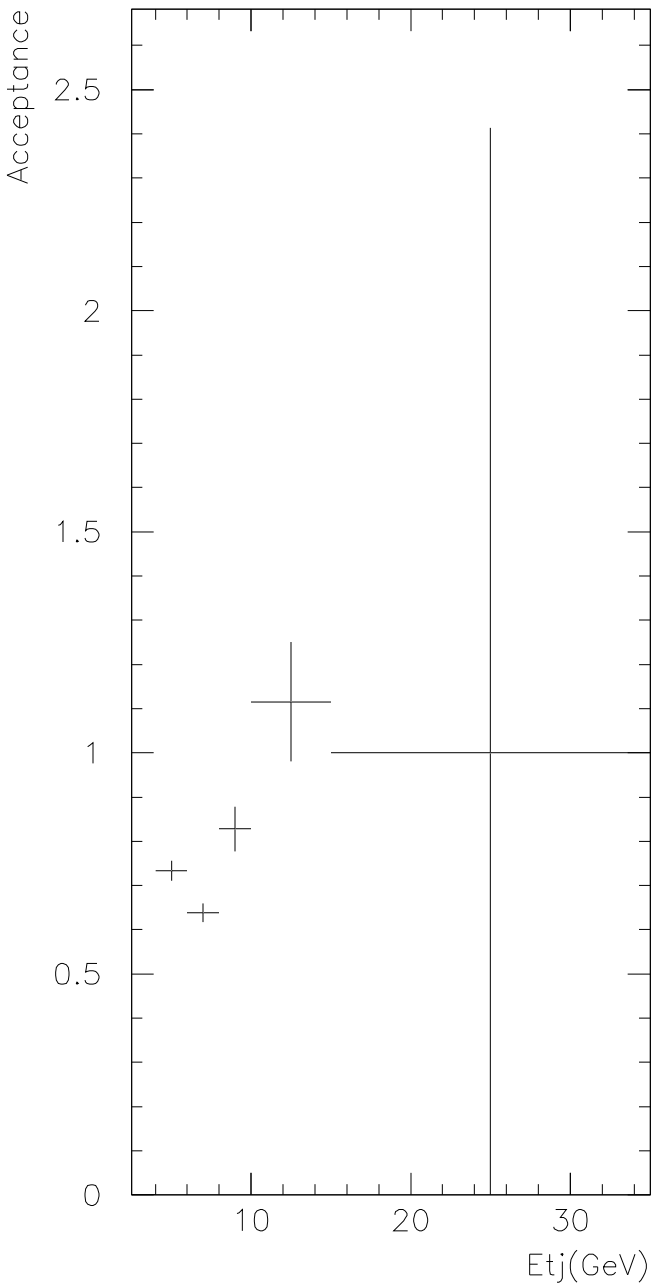




2014/11/03 08.02

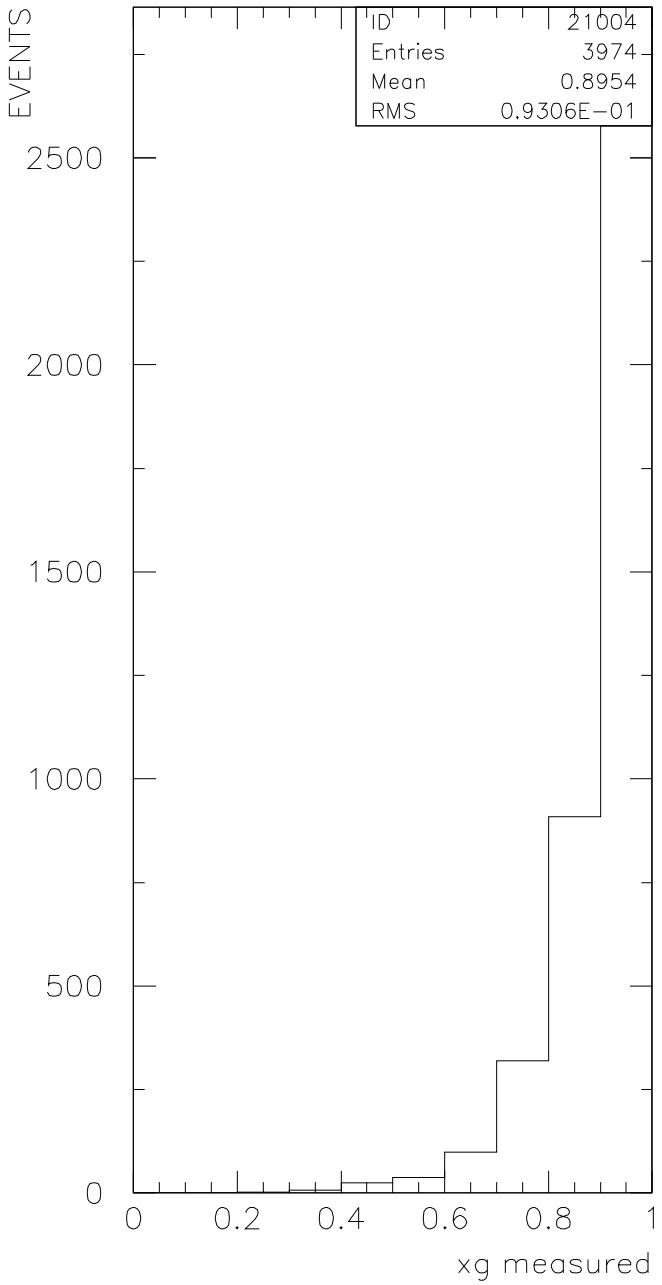
Acceptance (measured/true) Photon + jet

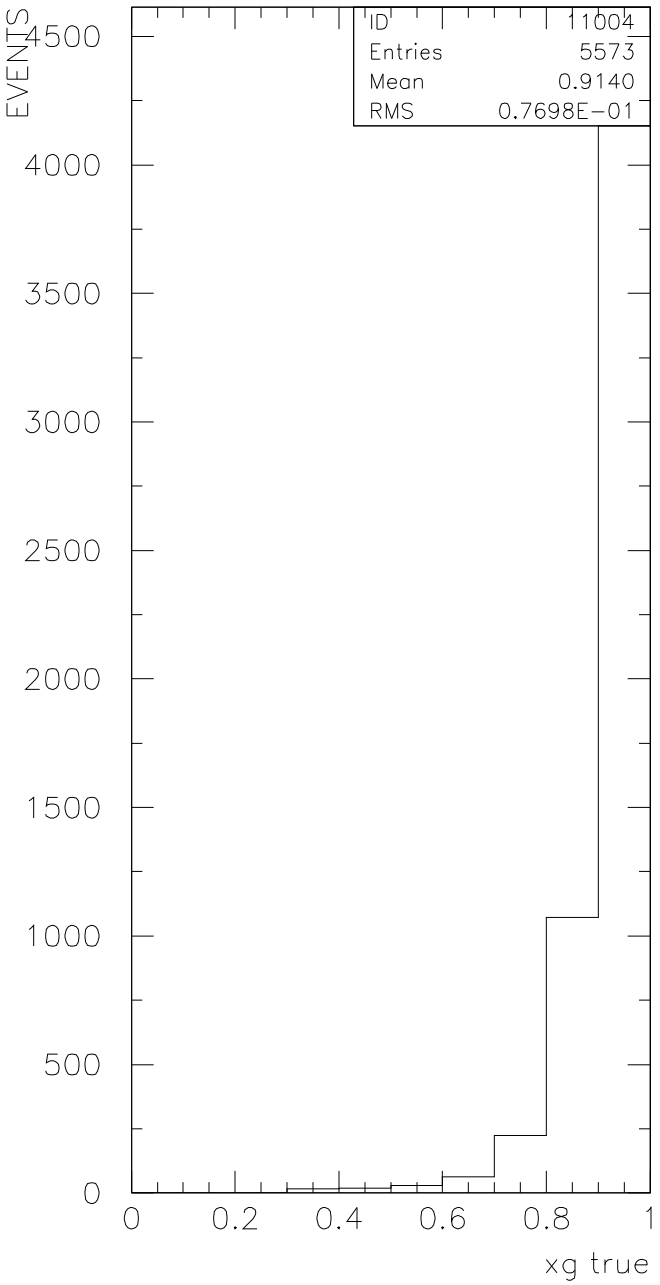


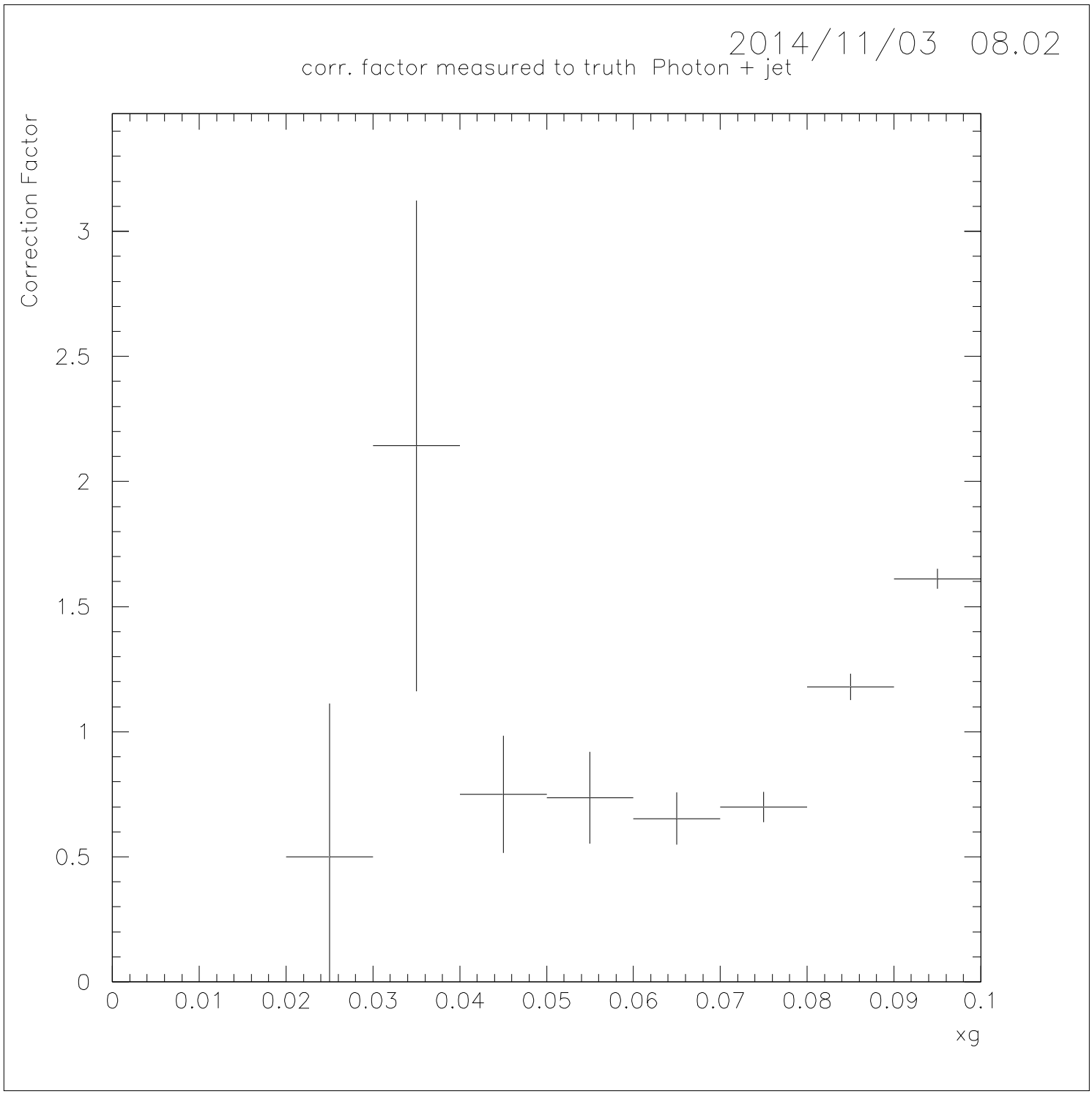


2014/11/03 08.02

Acceptance (measured/true) Photon + jet






2014/11/03 08.02
corr. factor measured to truth Photon + jet
Correction Factor
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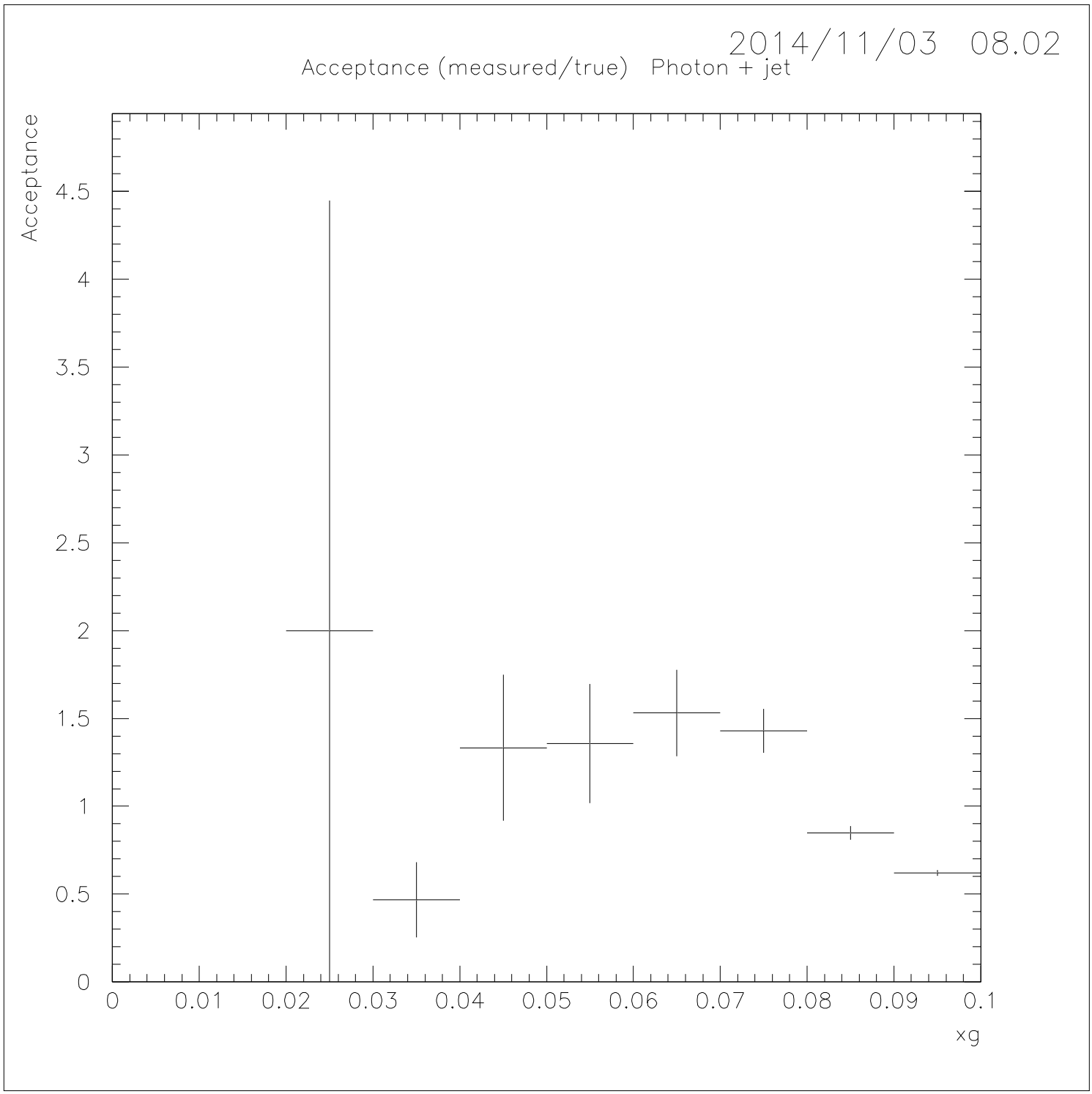
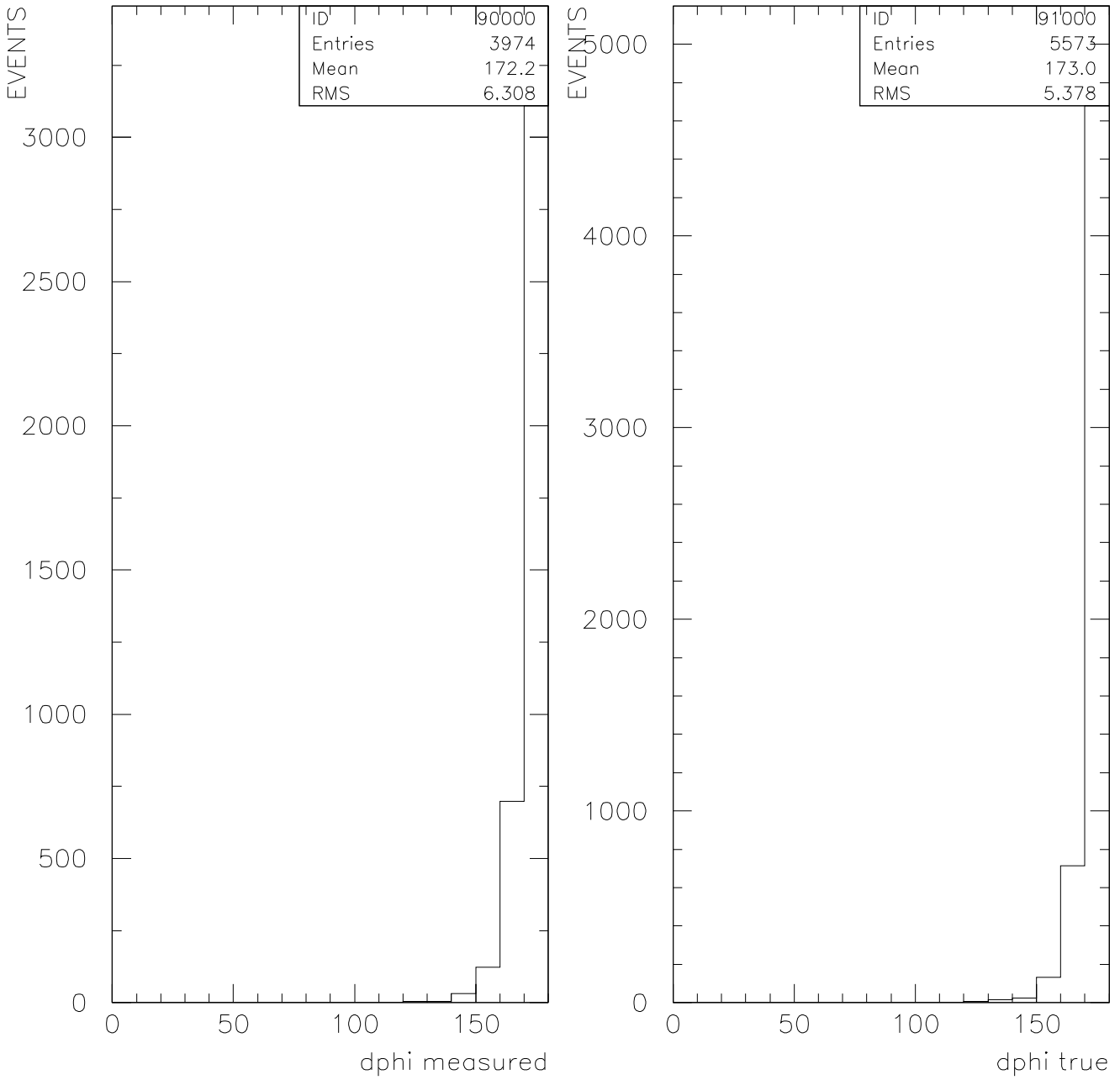
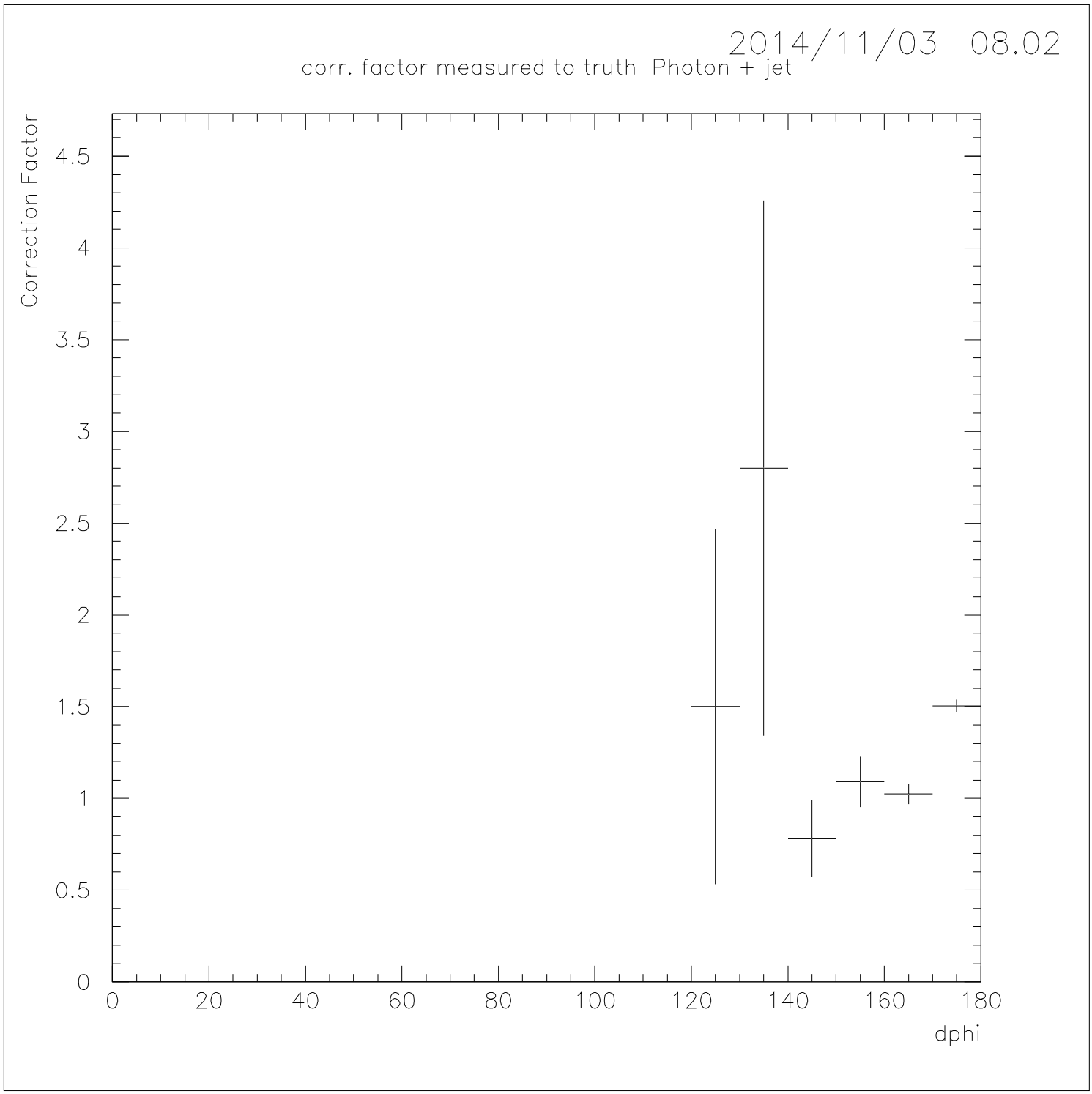
2.5
2
1.5
1
0.5
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xg


2014/11/03 08.02
Acceptance (measured/true) Photon + jet
Acceptance
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xg

2014/11/03 08.02

Acceptance (measured/true) Photon + jet




2014/11/03 08.02
corr. factor measured to truth Photon + jet
Correction Factor
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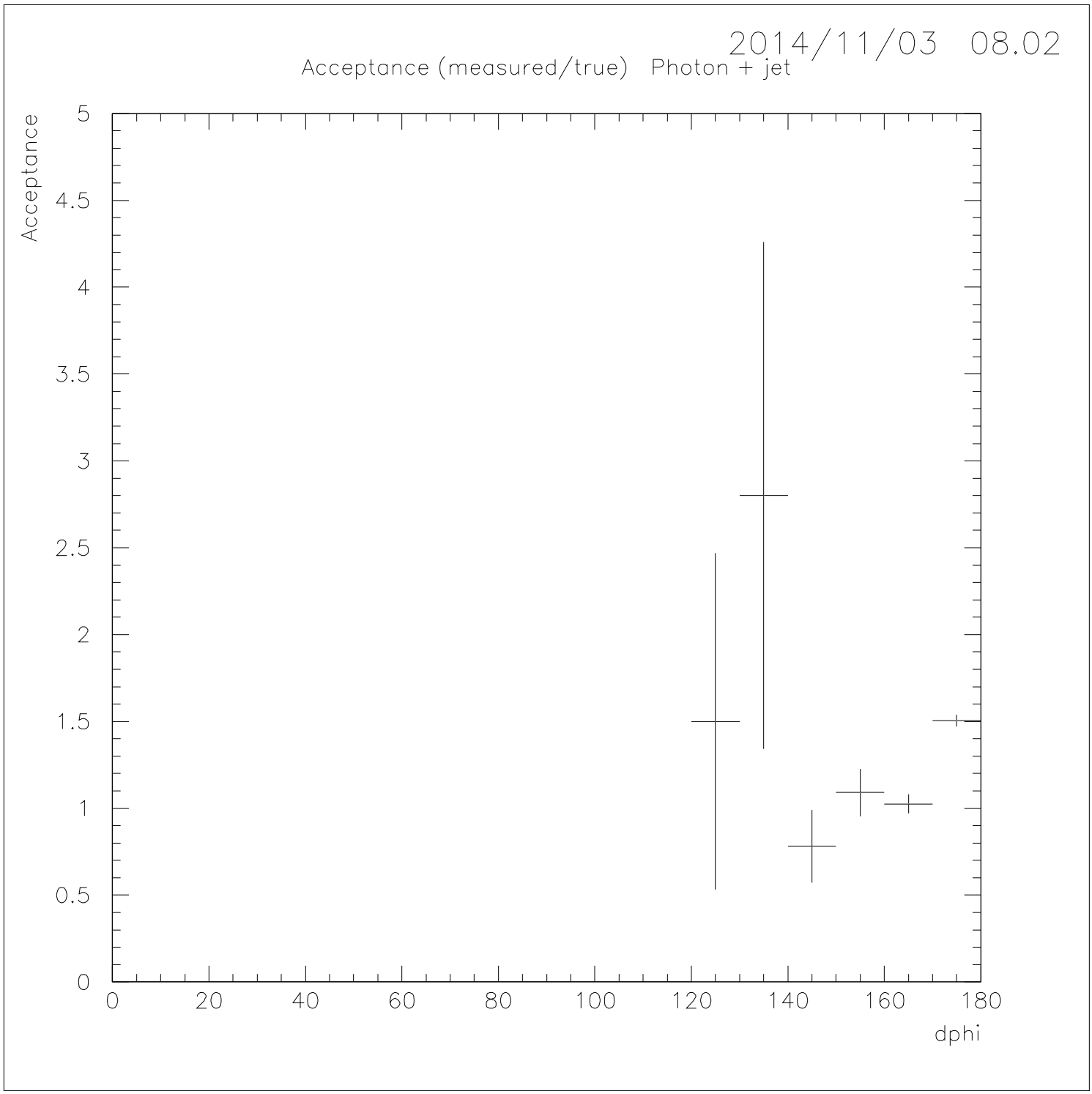
4
3.5
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180
dphi


2014/11/03 08.02
Acceptance (measured/true) Photon + jet
Acceptance
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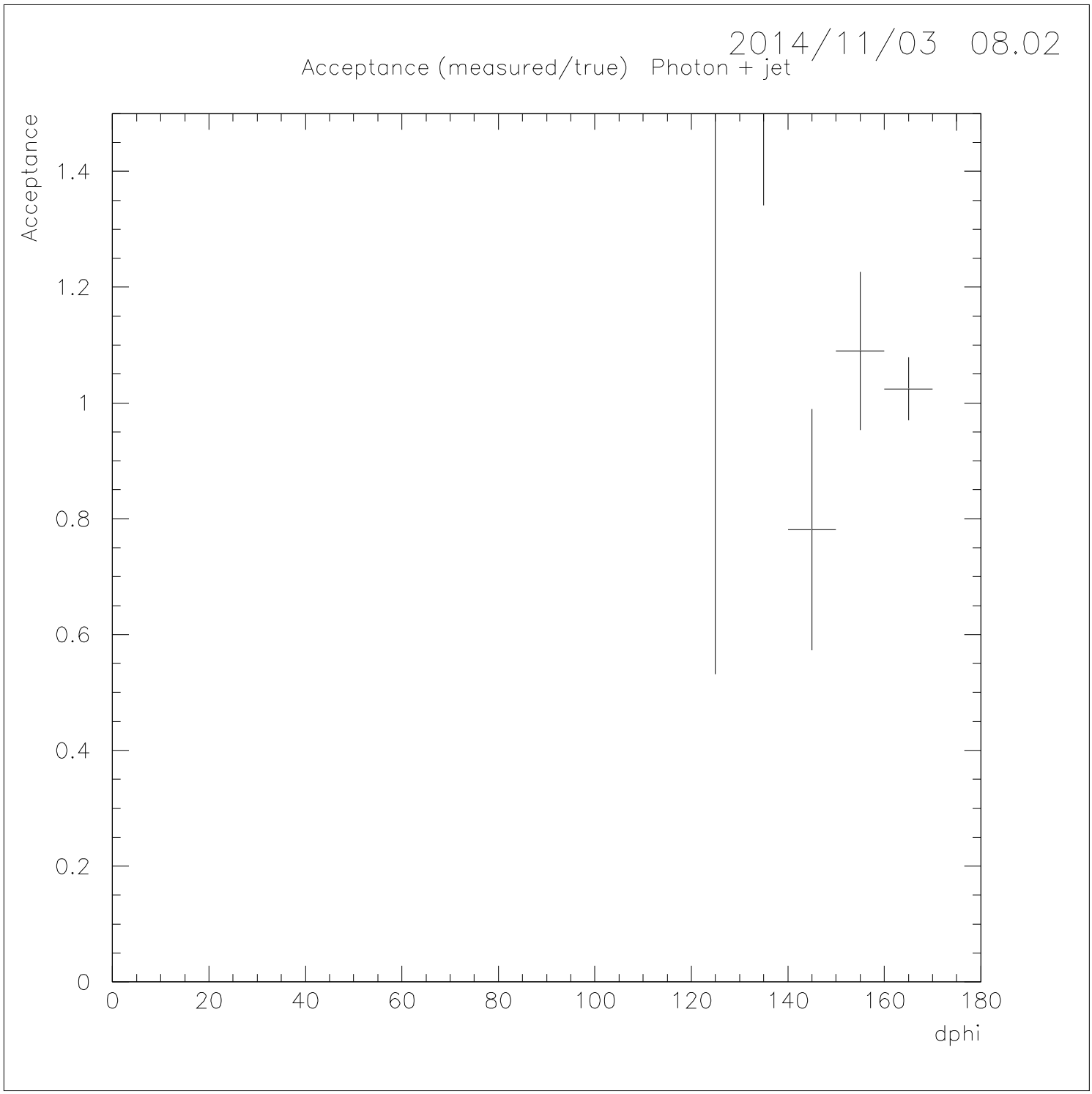
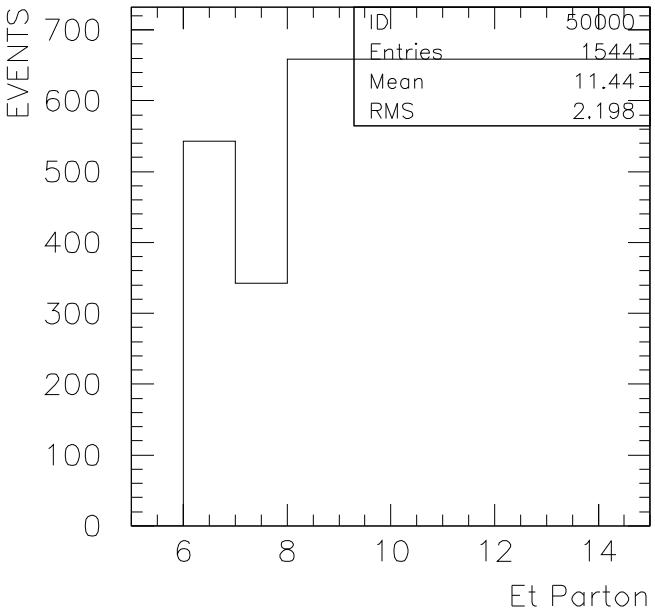
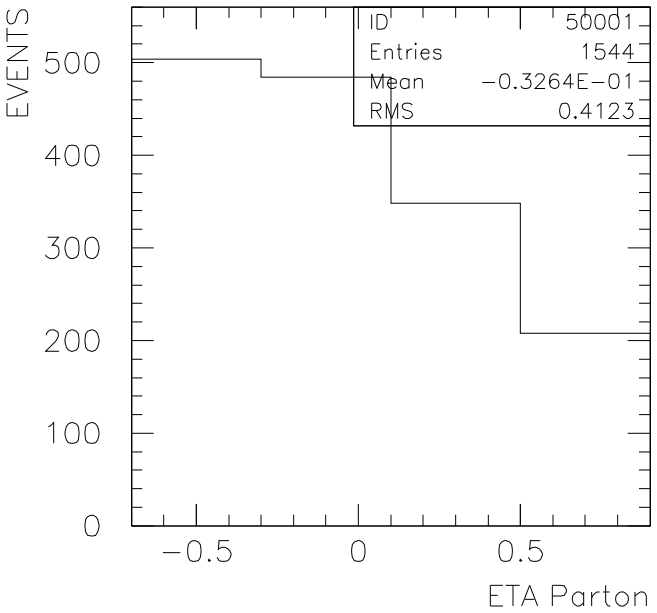
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180
dphi

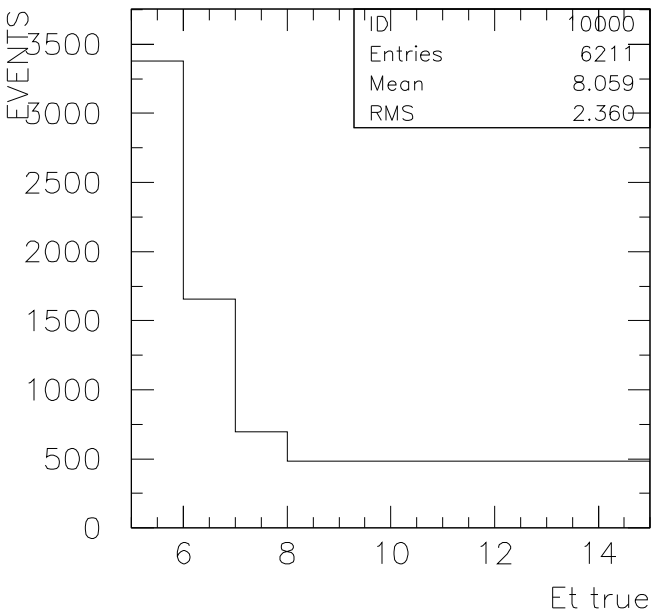

2014/11/03 08.02
Acceptance (measured/true) Photon + jet
Acceptance
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
140
160
180
dphi

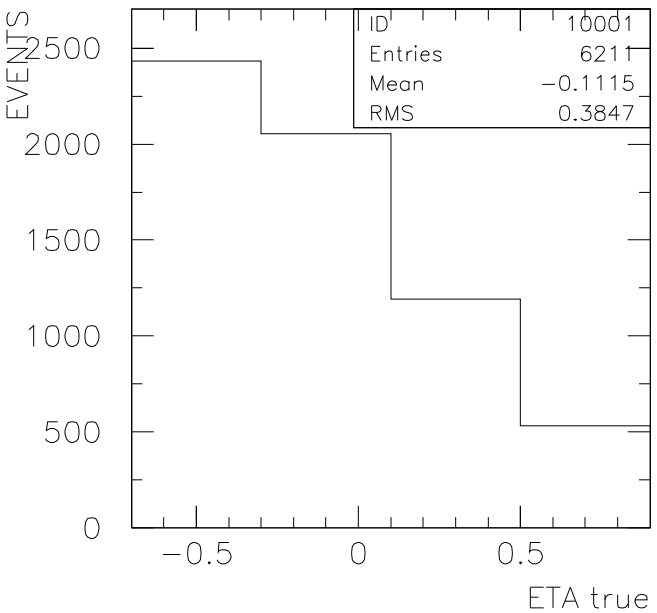
2014/11/03 08.02

inclusive Parton−True



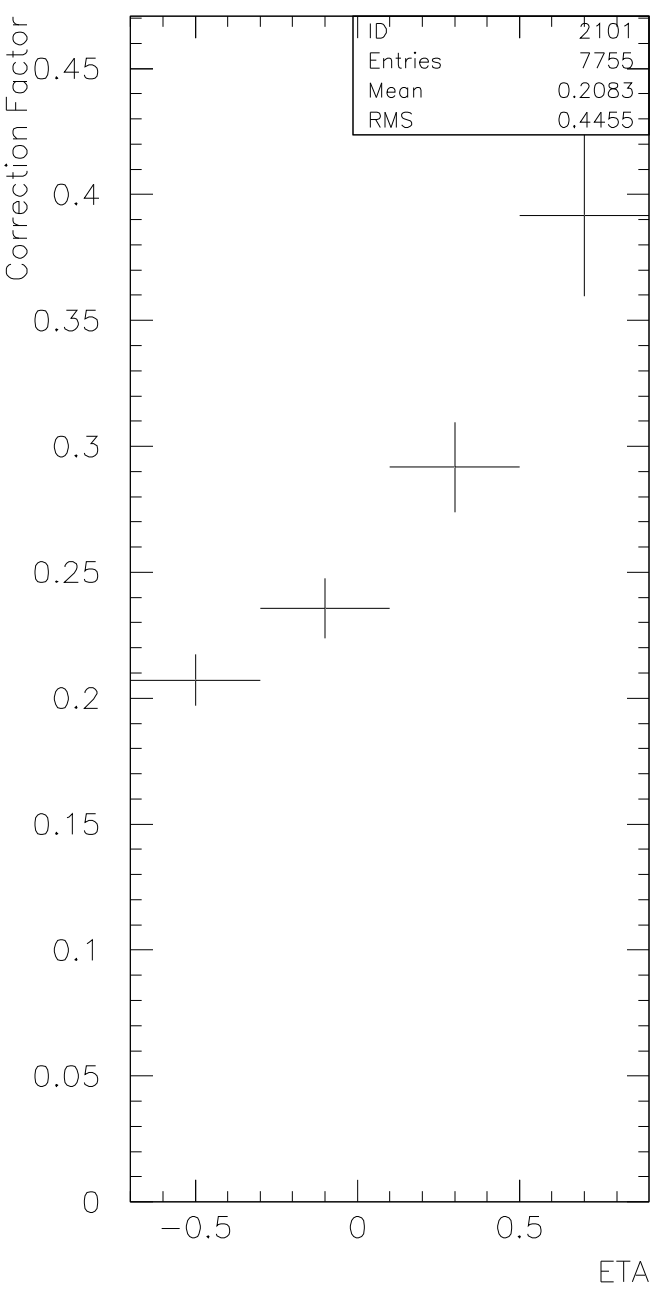


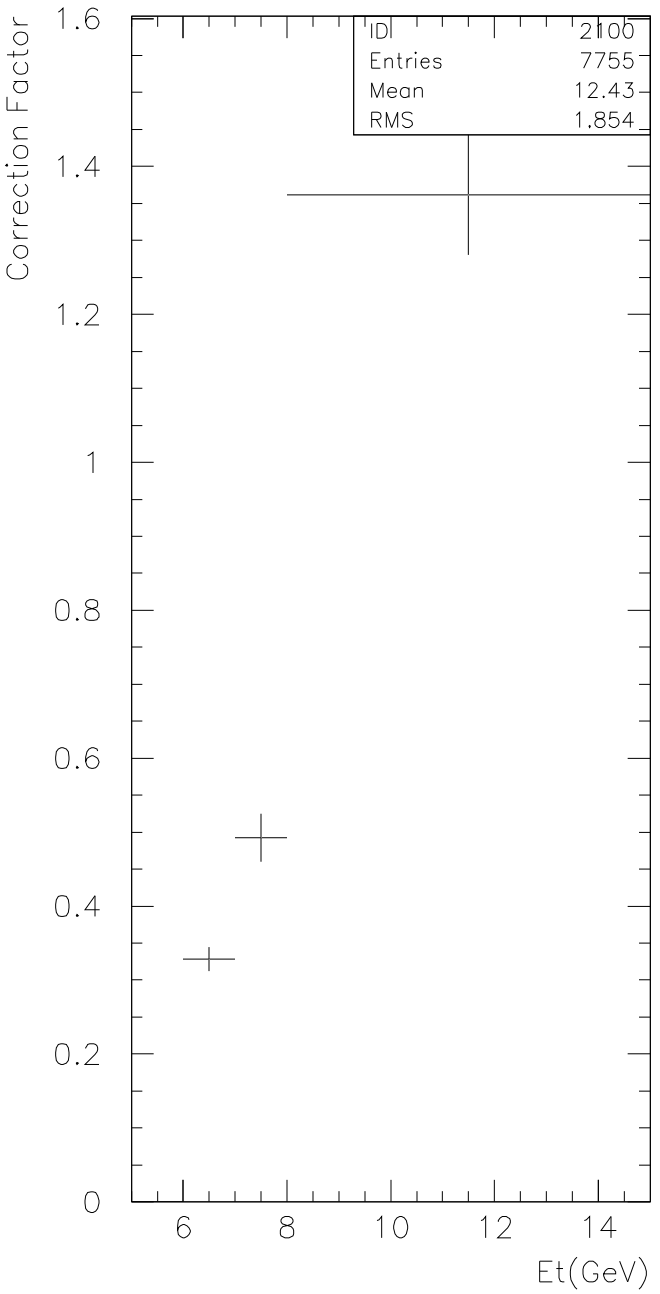




2014/11/03 08.02

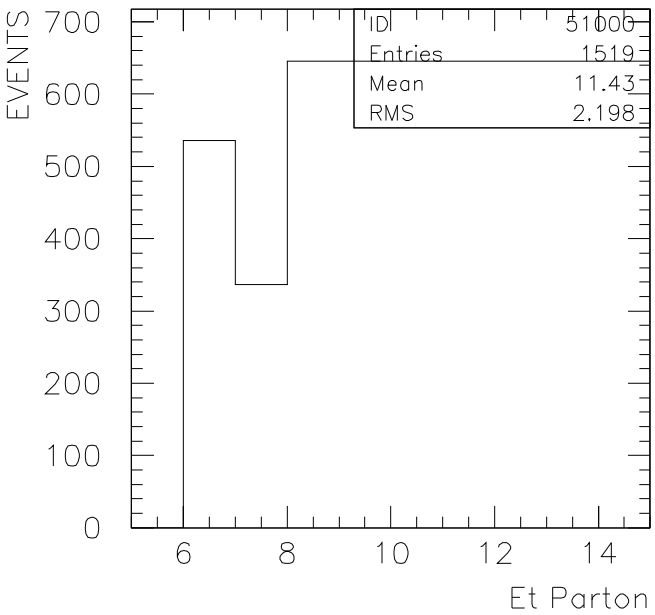
corr. factor truth to parton inclusive

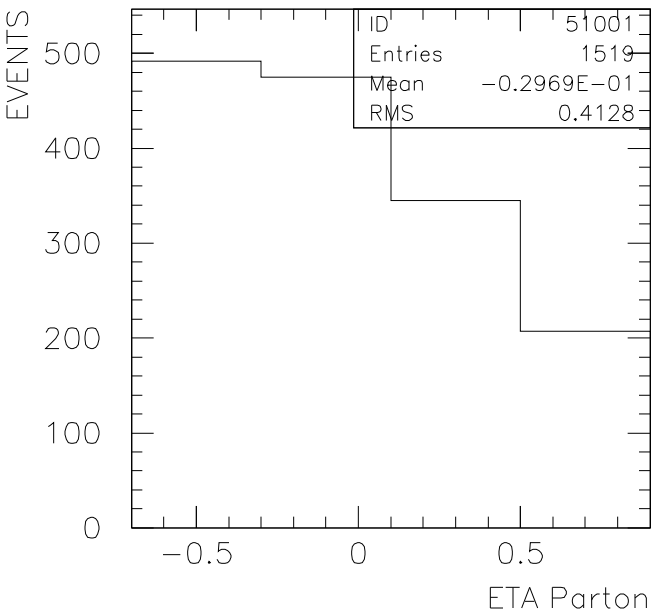


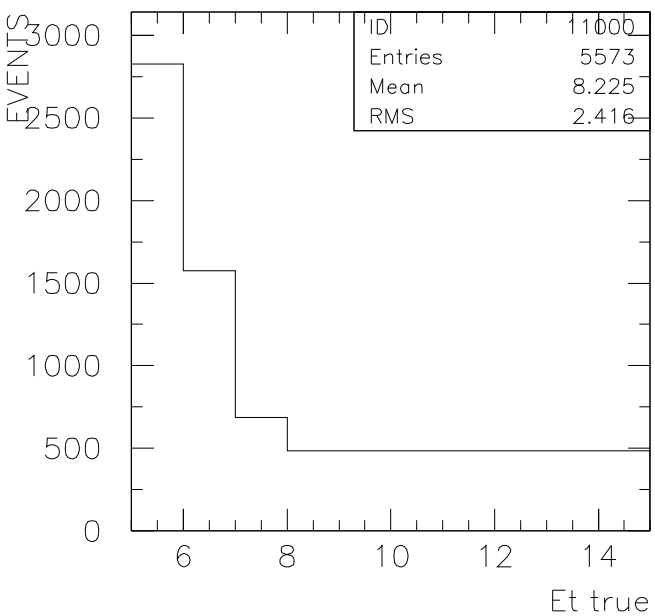


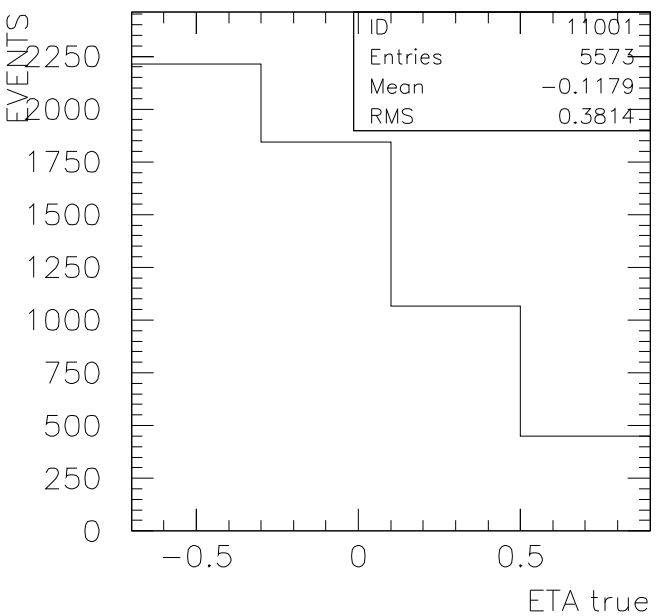
2014/11/03 08.02

Photon + Jet, Parton−True



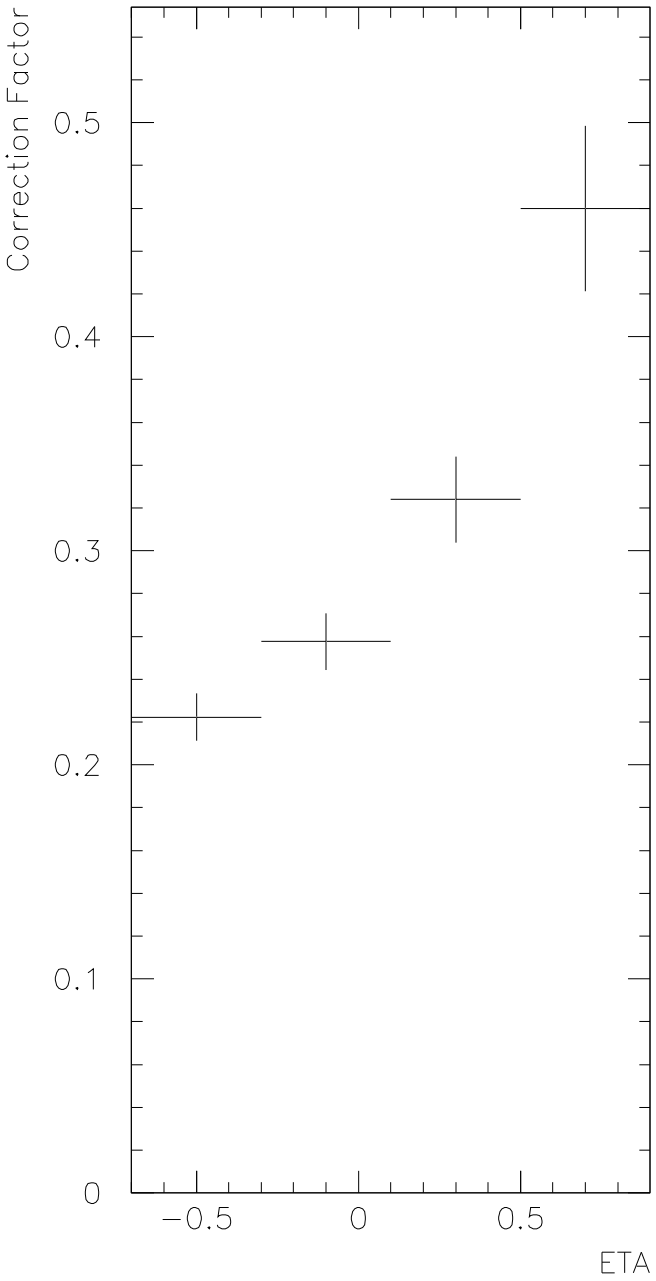


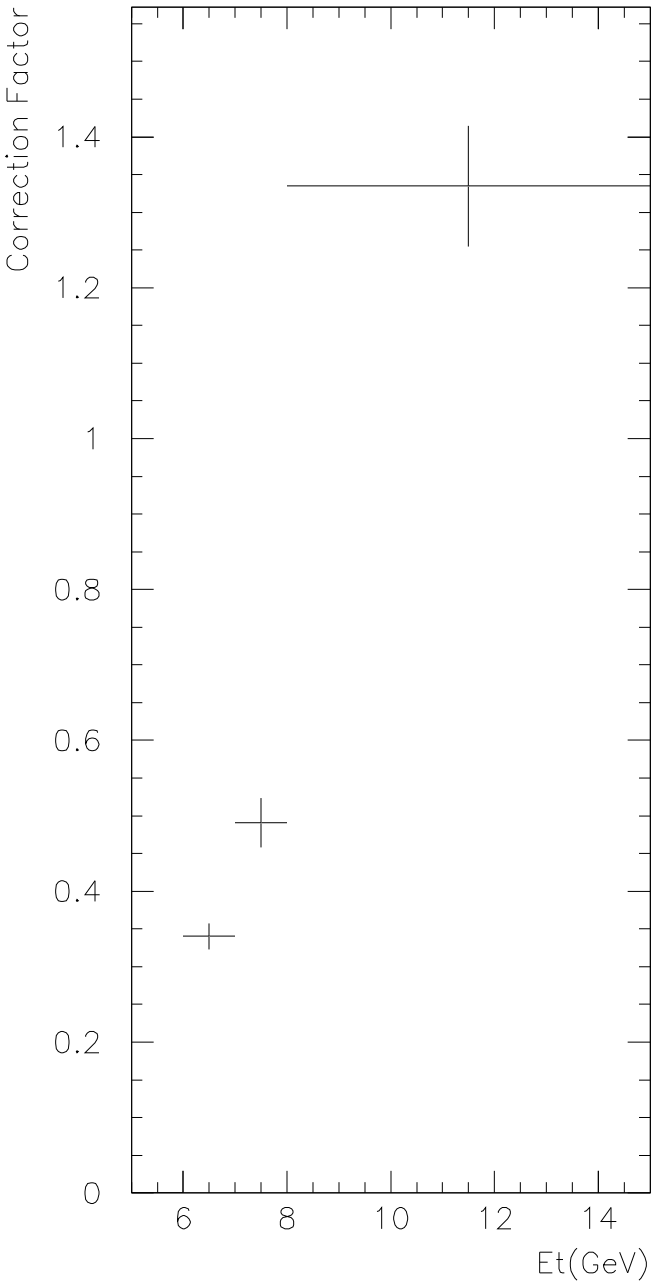




2014/11/03 08.02

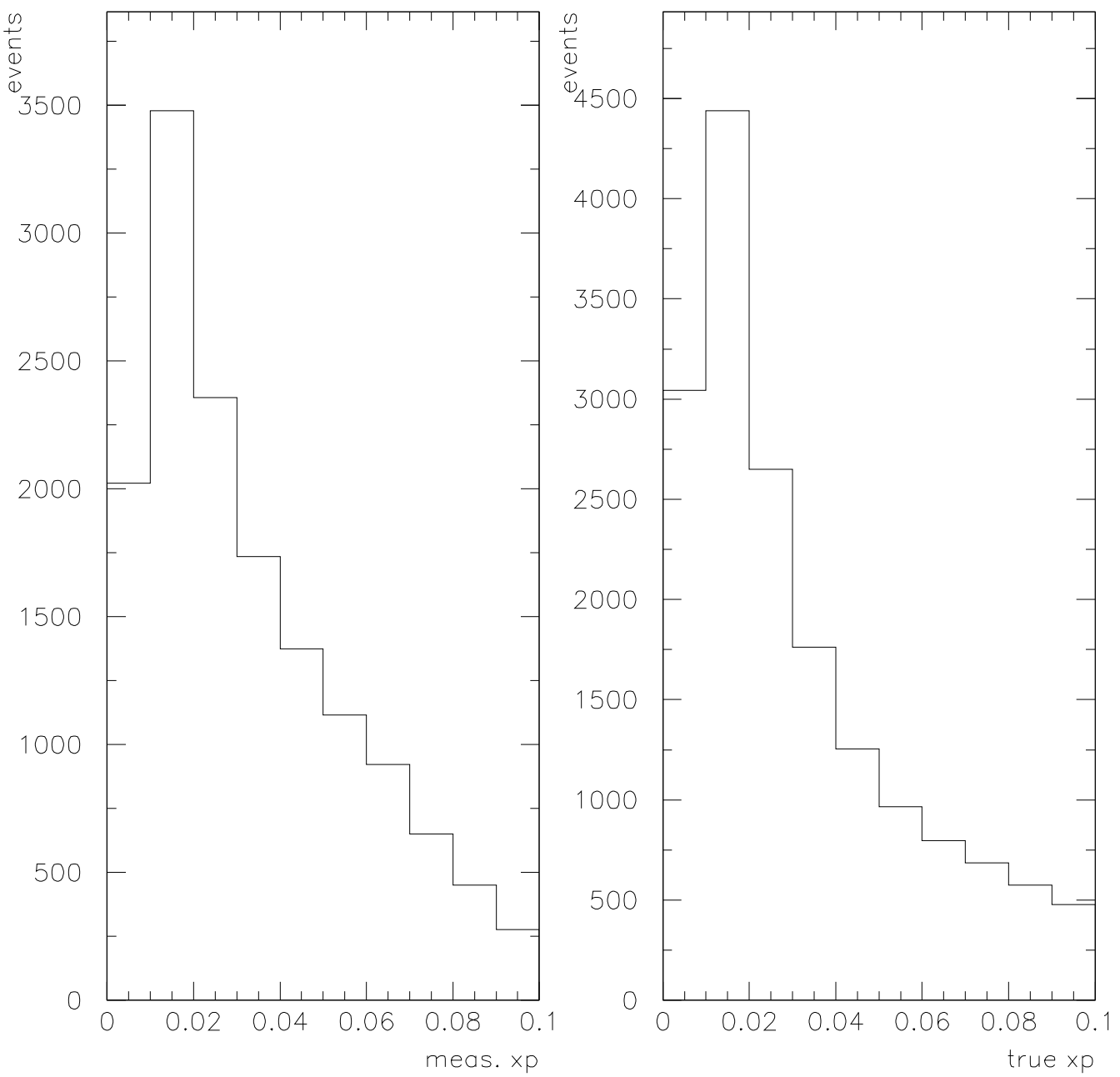
corr. factor truth to parton Photon + Jet

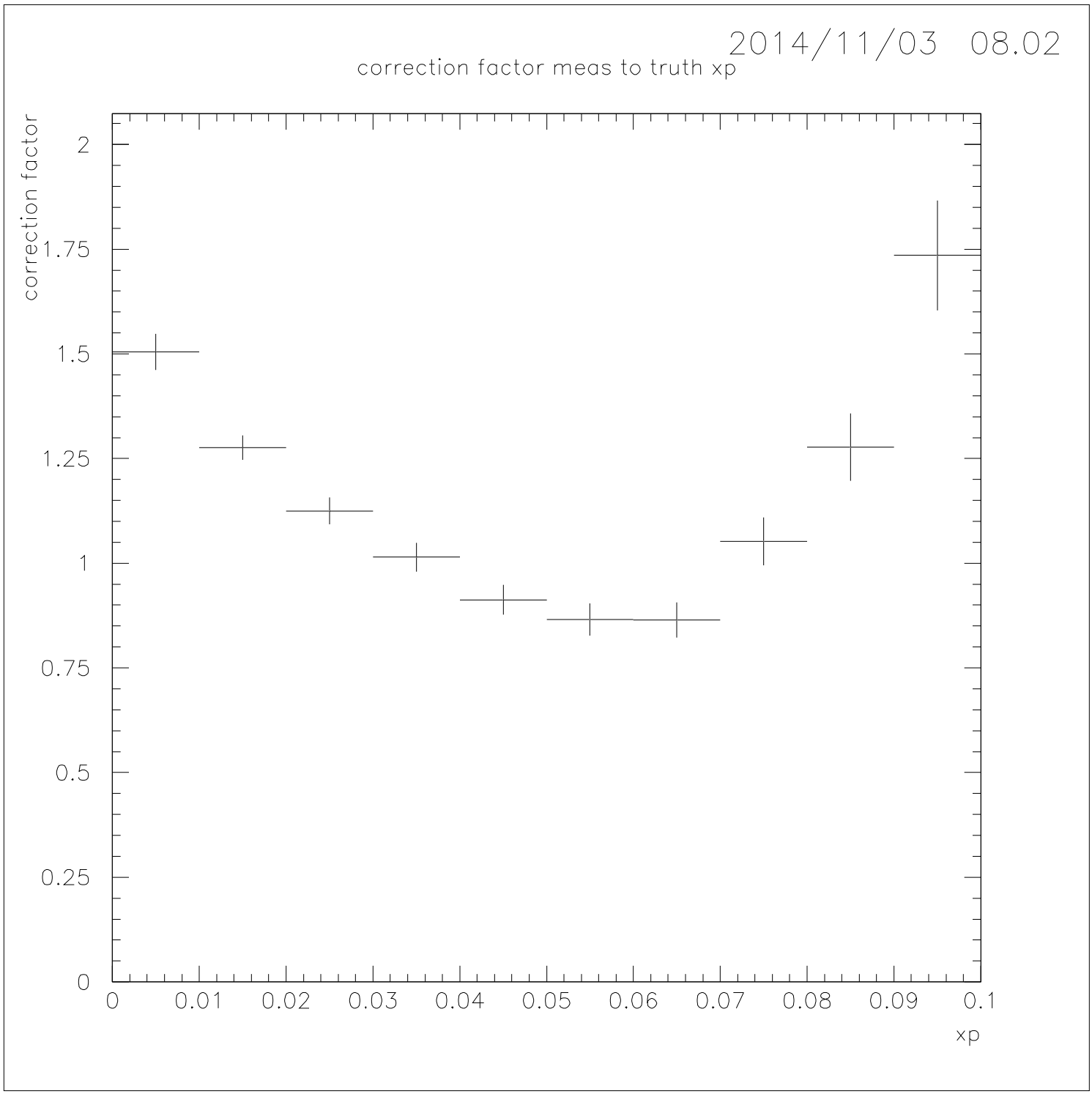


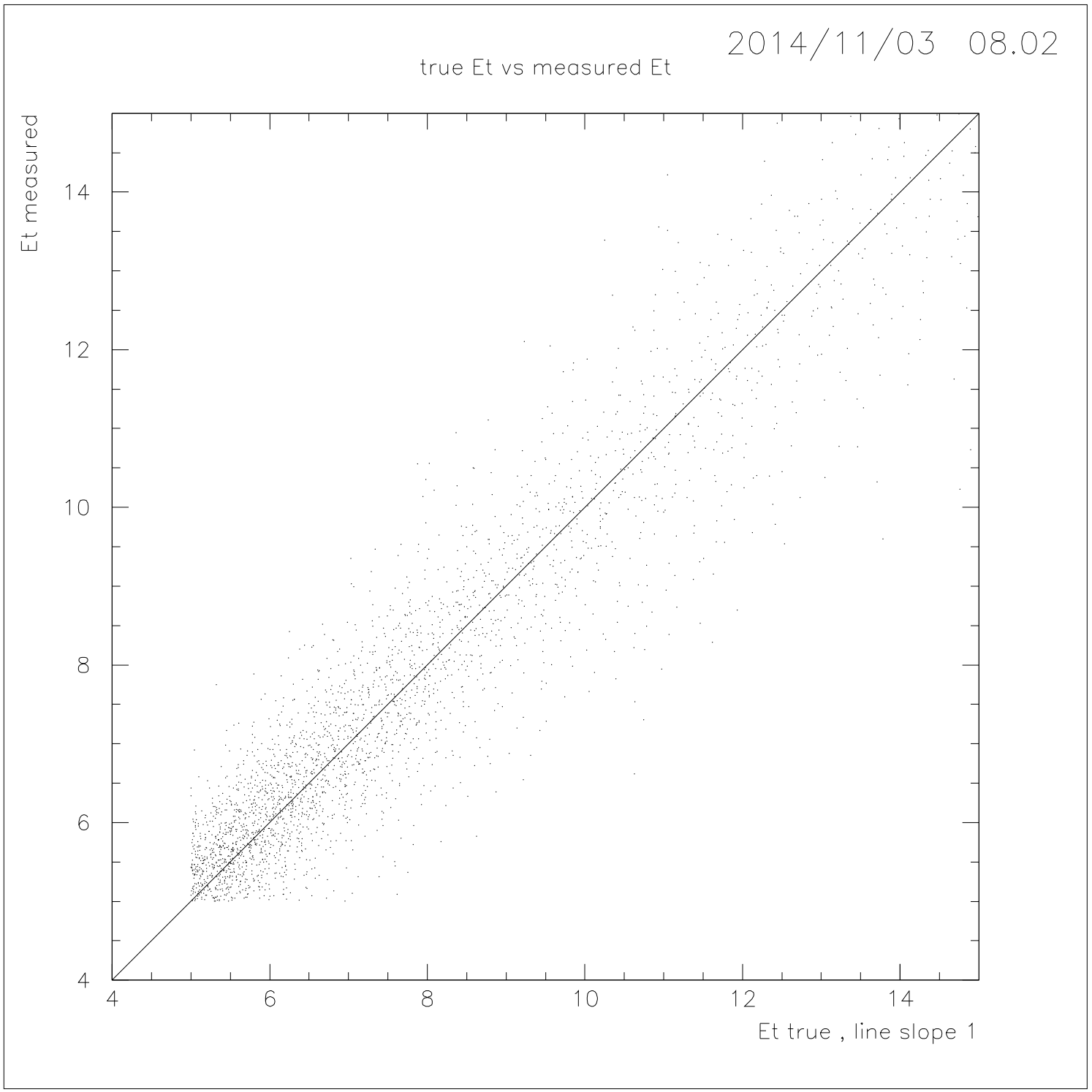


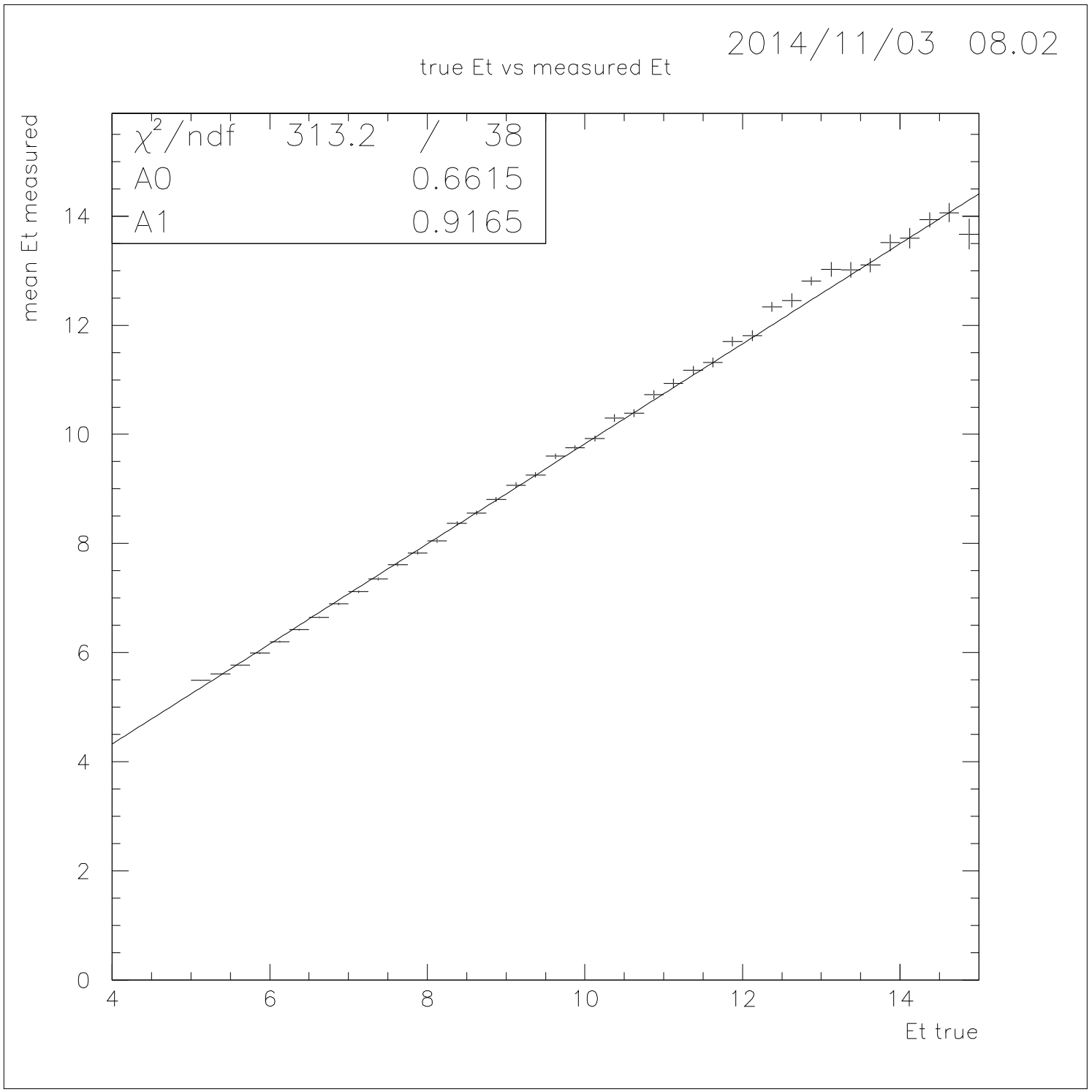
2014/11/03 08.02

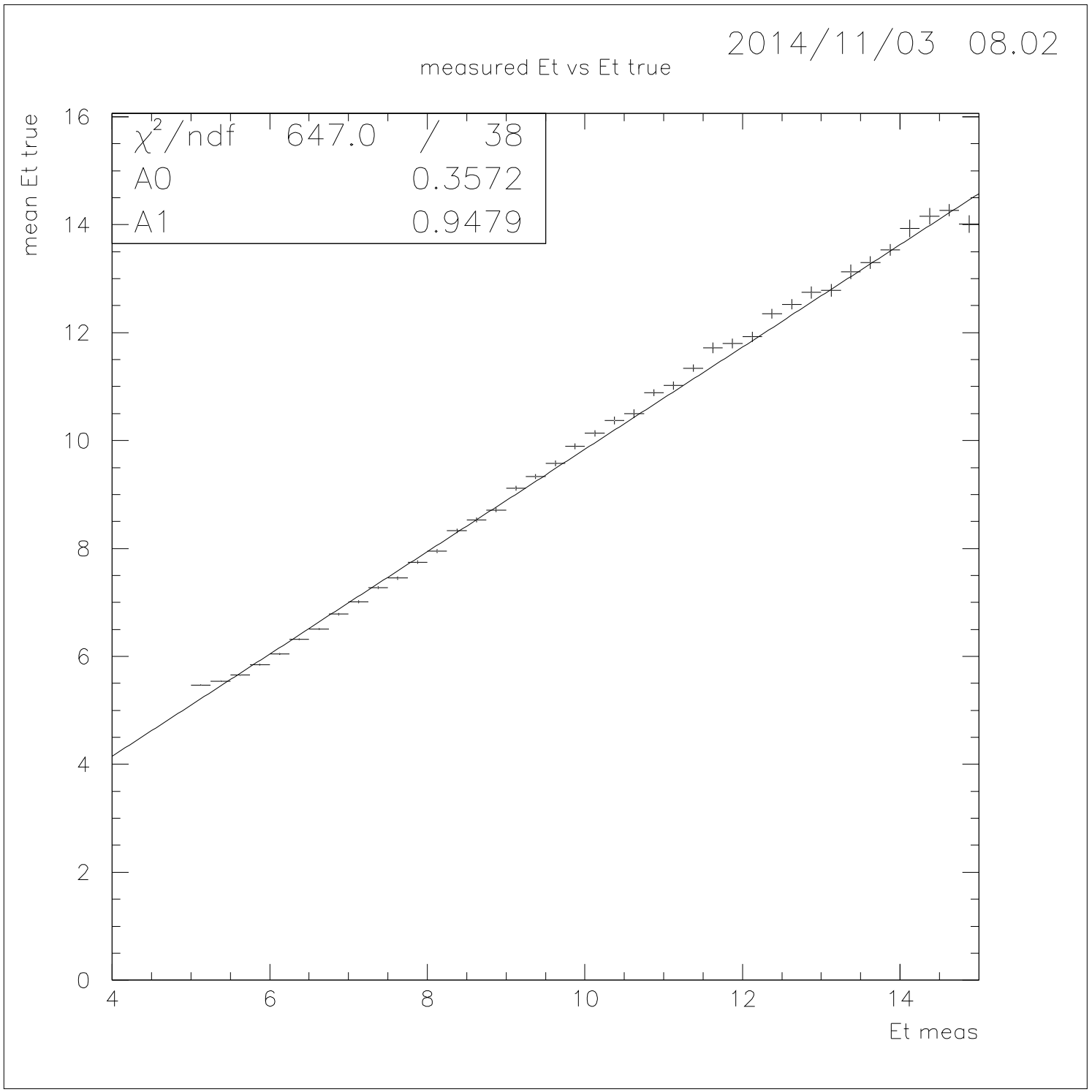
correction factor meas to truth xp




2014/11/03 08.02
correction factor meas to truth xp
correction factor
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xp


2014/11/03 08.02
true Et vs measured Et
Et measured
14
12
10
8
6
4
4
6
8
10
12
14
Et true , line slope 1


2014/11/03 08.02
true Et vs measured Et
χ²/ndf 313.2 / 38
A0 0.6615
A1 0.9165
mean Et measured
Et true
0
2
4
6
8
10
12
14
4
6
8
10
12
14


2014/11/03 08.02
measured Et vs Et true
χ²/ndf 647.0 / 38
A0 0.3572
A1 0.9479
mean Et true
Et meas
0
2
4
6
8
10
12
14
16
4
6
8
10
12
14